



June 2020

Dear Future Grade 4 Families,

Happy Summer! This summer packet is designed to help support your student throughout the summer. It is divided into six weeks, with a suggested check-list schedule at the beginning of each week. Each week includes essential practice in literacy and mathematics, which will help strengthen your student's skills and prepare them for fourth grade!

We encourage families to designate a special "work space" at home for your student to work on their summer packet. Using a daily planner, calendar, or checklist can often be helpful in creating routine and consistency around completing summer academic work.

At the end of the packet you will also find our summer reading log for Grade 4. Students are required to read three books over the summer.

I hope everyone has a wonderful and relaxing summer vacation! I can't wait to meet everyone in the fall! We are going to have a terrific year in third grade!

Sincerely,

Your Future Fourth Grade Teacher

	Literacy	Math
Week 1	<ul style="list-style-type: none"> <input type="checkbox"/> The Fennec Fox <input type="checkbox"/> Cause/Effect <input type="checkbox"/> Main Idea <input type="checkbox"/> Remember to read this week and record in your reading log! <i>(*Reading log can be found at the end of this packet.)</i> 	<p>Multi-Digit Addition and Subtraction Review</p> <ul style="list-style-type: none"> <input type="checkbox"/> Ling's Basketball Cards <input type="checkbox"/> Addition & Subtraction Practice <input type="checkbox"/> Patterns & Sums <input type="checkbox"/> Adding Money Amounts <input type="checkbox"/> Andrea, Erica & Joe Go Shopping <input type="checkbox"/> Flora's Book & Greg's TV <input type="checkbox"/> Money & Chair Problems <input type="checkbox"/> Operations Review <input type="checkbox"/> Lemonade & Bracelets <input type="checkbox"/> Pencils & Cupcakes <input type="checkbox"/> Shopping Problems <input type="checkbox"/> Add, Subtract & Multiply

The Fennec Fox

The fennec fox is the smallest of all the world's foxes, weighing only 2.2 pounds. It has enormous ears, measuring 6 inches.

Fennec foxes are sometimes called "desert foxes" because they live in desert zones of North Africa and the Sinai and Arabian peninsulas. They are nocturnal and avoid the daytime heat of the desert environment. Their batlike ears radiate body heat and help keep the foxes cool. They also have long, thick, soft fur coats with a wooly undercoat that insulates them during cold nights and protects them from the hot sun during the day.

They have been known to jump in the air 2 feet high from a standing position, and they are able to leap a distance of 4 feet.

Fennec foxes forage for plants but also eat rodents, eggs, reptiles, and insects. Like most desert dwellers, the fennec fox has the ability to go for long periods without water. These foxes are cream-colored with black-tipped tails..

What is the meaning of the word **forage**?

Why do Fennec Foxes sleep during the day?

Cause & Effect

Cause: What makes it happen or why it happens.

Effect: What happens.



Ask Yourself

Does one event cause another event?

Is one event the result of the other?



Signal Words

Since

Because

So

As a result of,

Then

Therefore

Let's Find the Cause and Effect 1

The Big Day

Sally rehearsed all month for the talent show. Every night she sang her special song for her family. When the night of the show arrived, Sally was sick with worry. She cried and told her parents that she didn't want to perform. Her mother took her aside and told her to close her eyes and pretend she was singing in her living room for her family. When Sally walked on the stage, she closed her eyes, and sang her heart out!

Cause: _____

Effect: _____

Let's Find the Cause and Effect 2

Selling Animals

Anson Wong was one of the world's most dangerous thieves. He didn't rob banks or steal jewels. He stole animals from the wild—endangered and deadly animals. His specialty was the Komodo dragon, the world's largest land lizard. Wong earned millions of dollars selling his stolen animals to collectors around the world. Wildlife experts celebrated when Wong was finally caught and put in jail. But animal smuggling remains a huge—and growing—problem around the world. “There are people in the United States and around the world who want to own exotic animals as pets,” says Craig Hoover, an expert who works for the World Wildlife Fund. “As long as there are people willing to pay thousands of dollars for these animals, there will be people like Anson Wong willing to smuggle the animals out of the wild.”

Cause: _____

Effect: _____

Cause and Effect

The cause is the event that made another event happen.
The effect is the result of an event.

Bobby filled his backpack with his science book, and all of his science papers. As soon as Bobby got home from school, he started studying for the big science test. He made flashcards to help him remember important information. By the end of the night, Bobby was exhausted. He decided to go to bed and hope for the best. The next day, Bobby went into school and took the test. At the end of class, his teacher showed him his test results. Bobby received an A+!

1. What is the cause? _____

2. What is the effect? _____

Cause and Effect

The cause is the event that made another event happen.
The effect is the result of an event.

Kristin had felt nervous all morning. Her hands were sweaty and she felt like she had butterflies in her stomach. Kristin took her time eating breakfast. As she rode the bus, she thought to herself, "I hope the kids at school like me."

1. What is the cause? _____

2. What is the effect? _____

Main Idea

The main idea is the most important part of a story or paragraph. To find the main idea, look for details and ask yourself, "What are all the details about?"

Read the paragraph below and answer the questions.

Space probes are spacecrafts that carry instruments into space. They travel to places people might not be able to. Space probes have gone around the sun and to planets millions of miles away. Equipment on board has collected data and pictures from places no person had ever seen. Many questions that scientists had about outer space have been answered with the help of space probes.

1. What is the topic? _____
2. What is the main idea? _____

3. What details helped you figure out the main idea?

Main Idea

The main idea is the most important part of a story or paragraph. To find the main idea, look for details and ask yourself, "What are all the details about?"

Read the paragraph below and answer the questions.

A web site is a place on the Internet that gives you information on one topic. Web sites can be about people, places, things, or ideas. They can give you information, sell things, and explain things. You can learn about almost any topic by exploring web sites.

1. What is the topic? _____
2. What is the main idea? _____

3. What details helped you figure out the main idea?

NAME _____

DATE _____

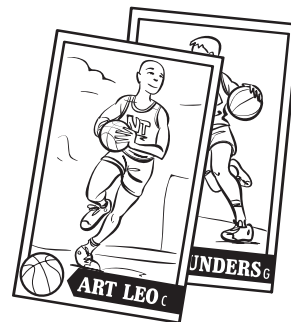
Ling's Basketball Cards

Ling had 34 basketball cards. She gave away 18 cards. Then she bought a pack of 6 new cards and her friend gave her 2 more. How many cards does she have now?

1 What is this problem asking you to figure out?

2 Underline any information in the problem that will help you find the answer.

3a Use this space to solve the problem. Show all your work using numbers, words, and/or labeled sketches. Write the answer on the line below when you're finished.



b Answer _____



CHALLENGE

4 Ling put her basketball cards in an album. She put 4 cards on each page. How many pages did she fill with her cards? Show all your work.

NAME _____

DATE _____

Addition & Subtraction Practice

1 Complete the addition facts.

$$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$$

2 Complete the subtraction facts.

$$\begin{array}{r} 20 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$$



CHALLENGE

3 Use what you know about basic facts to solve these subtraction problems.

$$\begin{array}{r} 800 \\ - 400 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ - 297 \\ \hline \end{array}$$

$$\begin{array}{r} 1,000 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 600 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 130 \\ - 128 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 80 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 160 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 216 \\ - 108 \\ \hline \end{array}$$

$$\begin{array}{r} 500 \\ - 225 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ - 75 \\ \hline \end{array}$$

$$\begin{array}{r} 214 \\ - 107 \\ \hline \end{array}$$

4 Add and subtract to solve these problems.

$$50 + 225 - 70 = \underline{\quad\quad\quad} \quad 120 - 80 + 460 = \underline{\quad\quad\quad} \quad 316 - 208 + 100 = \underline{\quad\quad\quad}$$

NAME _____

DATE _____

Patterns & Sums

1 Fill in the missing numbers in each skip-counting pattern.

a 7, 17, 27, _____, _____, 57, _____, _____, 87, 97, _____

b 8, 28, 48, _____, _____, 108, _____, _____, 168, 188, _____

c 4, 34, 64, _____, 124, 154, _____, _____, 244, 274, _____

2 Find each sum.

$$\begin{array}{r} 67 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ + 30 \\ \hline \end{array}$$



$$\begin{array}{r} 76 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 20 \\ \hline \end{array}$$

3 Find each sum. Show all your work. Use the answers above to help you.

<p>a</p> $\begin{array}{r} 67 \\ + 20 \\ \hline \end{array}$	<p>b</p> $\begin{array}{r} 38 \\ + 16 \\ \hline \end{array}$
<p>c $53 + 38 =$</p>	<p>d $76 + 35 =$</p>
<p> e</p> $\begin{array}{r} 257 \\ + 60 \\ \hline \end{array}$	<p> f</p> $\begin{array}{r} 668 \\ + 70 \\ \hline \end{array}$

Adding Money Amounts

1 Add the two amounts of money. Show all your work. Then write an equation to show the two amounts and the total.

Add these amounts.	Show all your work.	Write an equation.
ex \$0.86 + \$1.23	$\begin{array}{r} 6\text{¢} + 3\text{¢} = \$0.09 \\ 80\text{¢} + 20\text{¢} = \$1.00 \\ \$0 + \$1 = \$1.00 \\ \hline \$2.09 \end{array}$	$\$0.86 + \$1.23 = \$2.09$
a \$0.73 + \$1.65		
b \$1.46 + \$0.87		
c \$0.83 + \$1.39		

2 Keiko has 7 coins in her pocket. They add up to \$0.48. What coins does she have in her pocket? Show all your work.

She has _____ quarter(s), _____ dime(s), _____ nickel(s), and _____ penny (pennies).

NAME _____

DATE _____

Andrea, Erica & Joe Go Shopping

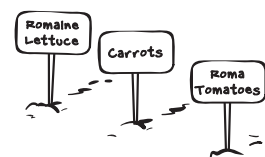
1 Andrea, Erica, and Joe were shopping with their dad. He said they could split the money that was left after they bought what they needed. They bought a shovel for \$8, two packs of seeds that were \$3 each, and two bags of flower bulbs that were \$4 each. Their dad paid with two \$20 bills. How much money did Andrea, Erica, and Joe each get?

a Write a list of steps you will need to take to solve the problem:

b Solve the problem. Show all your work.



c How do you know your answer makes sense? You could solve it another way, use estimation to show that your answer makes sense, or start with your answer and work backwards through the problem.



NAME _____

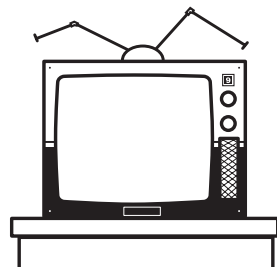
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Flora's Book & Greg's TV

1 Flora was reading a book that was 283 pages long. She read 56 pages on Thursday, 45 pages on Friday, and 72 pages on Saturday. How many pages will she have to read on Sunday to finish her book? Show all your work.



2 Greg wants to buy a new TV that costs \$1,679. He has \$326 in his bank account. His grandma gave him \$50 for his birthday. He will earn \$385 mowing lawns this summer. How much more money will he need to buy the TV? Show all your work.



NAME _____

DATE _____

Money & Chair Problems

1 Jasmine's neighbor paid her \$32 for helping with some yard work. Jasmine gave her brother \$8 because he helped her with some of the work. Then she went shopping with the rest of the money. She bought 3 books that were \$6 each and a bottle of juice for \$1.89. How much money did she have left? Show all your work.

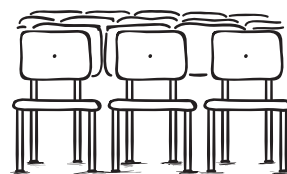


2a The third graders are putting on a play for the fourth and fifth graders. They need to set up chairs in the gym for the fourth and fifth graders to sit on. There are 86 fourth graders, 79 fifth graders, 3 fourth grade teachers, and 3 fifth grade teachers. How many chairs will the third graders need to set up? Show all your work.



CHALLENGE

b The third graders can put no more than 20 chairs in a row. How many rows of chairs will they need? Show all your work.



NAME _____

DATE _____

Operations Review Add, Subtract, Multiply & Divide

1 Complete the multiplication facts.

$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

2 Complete the division facts.

$40 \div 5 = \underline{\hspace{2cm}}$

$70 \div 10 = \underline{\hspace{2cm}}$

$8 \div 8 = \underline{\hspace{2cm}}$

$10 \div 2 = \underline{\hspace{2cm}}$

$35 \div 5 = \underline{\hspace{2cm}}$

$14 \div 2 = \underline{\hspace{2cm}}$

3 Solve the addition and subtraction problems.

$$\begin{array}{r} 357 \\ + 88 \\ \hline \end{array}$$

$$\begin{array}{r} 208 \\ + 153 \\ \hline \end{array}$$

$$\begin{array}{r} 326 \\ + 692 \\ \hline \end{array}$$

$$\begin{array}{r} 436 \\ + 289 \\ \hline \end{array}$$

$$\begin{array}{r} 285 \\ + 196 \\ \hline \end{array}$$

$$\begin{array}{r} 716 \\ + 384 \\ \hline \end{array}$$

$$\begin{array}{r} 537 \\ - 129 \\ \hline \end{array}$$

$$\begin{array}{r} 403 \\ - 266 \\ \hline \end{array}$$

$$\begin{array}{r} 638 \\ - 409 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 299 \\ \hline \end{array}$$

$$\begin{array}{r} 350 \\ - 107 \\ \hline \end{array}$$

$$\begin{array}{r} 697 \\ - 523 \\ \hline \end{array}$$

NAME _____

DATE _____

Lemonade & Bracelets

1a Philipe is making lemonade with his dad to serve at their party. Their recipe makes 6 glasses of lemonade. The recipe calls for 4 lemons, 1 cup of sugar, and 6 cups of water. If they want to make enough lemonade for 30 people to drink a glass, how many lemons will they need to buy?

b Use words, numbers, or pictures to explain how you know your answer above makes sense.



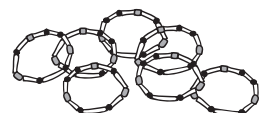
2a Lisa is making bracelets for four of her friends. She needs 18 beads for each bracelet. How many beads does she need altogether?

b Use words, numbers, or pictures to explain how you know your answer above makes sense.



CHALLENGE

c If each bead costs 15¢, how much would it cost for Lisa to buy all those beads? Show your work.



NAME _____

DATE _____

Pencils & Cupcakes

1a Mr. Sutton bought 36 mechanical pencils to give away as prizes for his students. $\frac{1}{4}$ of the pencils were red and $\frac{1}{3}$ of the pencils were purple. Were there more red or purple pencils? Use pictures, numbers, and/or words to explain how you know.

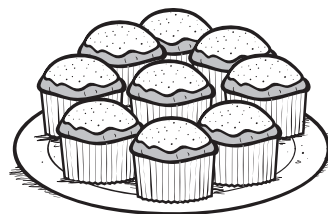


CHALLENGE

b The rest of the pencils were yellow. How many yellow pencils did Mr. Sutton buy? Use pictures, numbers, and/or words to explain your answer.



2a Ellie made 24 cupcakes to take to her friend's party. She put vanilla icing on them all. Then she put chocolate sprinkles or red sugar on some of them. She put chocolate sprinkles on $\frac{1}{4}$ of them. She put red sugar on $\frac{1}{2}$ of them. She left the rest of them plain. What did most of her cupcakes have on them?



CHALLENGE

b What fraction of Ellie's cupcakes had no sprinkles or sugar on top? How many cupcakes was that? Use pictures, numbers, and/or words to explain your answers.

NAME _____

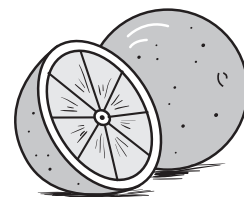
DATE _____

Shopping Problems

1 Serena bought 3 T-shirts for \$13 each. She also bought a skirt for \$42 and a jacket for \$76. Her sister Lisa got a pair of jeans for \$34 and a pair of sneakers for \$46. Who spent more money? Exactly how much more money did she spend? Show all your work.



2 It is Rick's turn to bring oranges for his soccer team to eat at half-time. There are 15 people on his team. He wants each person to be able to eat 2 oranges. Oranges cost \$1.20 per pound, and each orange weighs about half a pound. About how much will it cost for Rick to get enough oranges for the team? Show all your work.



NAME _____

DATE _____

Add, Subtract & Multiply

1 Solve the addition and subtraction problems.

$$\begin{array}{r} 427 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 728 \\ + 436 \\ \hline \end{array}$$

$$\begin{array}{r} 246 \\ + 795 \\ \hline \end{array}$$

$$\begin{array}{r} 500 \\ - 150 \\ \hline \end{array}$$

$$\begin{array}{r} 280 \\ - 145 \\ \hline \end{array}$$

$$\begin{array}{r} 285 \\ - 143 \\ \hline \end{array}$$





$$\begin{array}{r} 964 \\ - 528 \\ \hline \end{array}$$

$$\begin{array}{r} 835 \\ - 297 \\ \hline \end{array}$$

$$\begin{array}{r} 603 \\ - 465 \\ \hline \end{array}$$

$$\begin{array}{r} 460 \\ - 235 \\ \hline \end{array}$$

2 Write a greater than, less than, or equal sign to complete each number sentence.

example $36 + 4 < 26 + 20$	a 5×8 10×3
b $12 + 18$ $2 + 28$	c $25 - 10$ $35 - 20$
d 2×12 2×8	e 1×9 3×4
 f $890 - 500$ $756 - 540$	 g 400 $150 + 250$
 h 2×96 4×50	 i 1×450 $500 - 50$

3 Pick the equation that will help you solve the problem. Then solve the problem. Jake found 32 shells on the beach. He gave half of them to his brother. Then his sister gave Jake 18 more shells. How many shells does Jake have now?

☐ $(32 \times 2) + 18 = ?$

☐ $(32 \times 2) - 18 = ?$

☐ $(32 \div 2) + 18 = ?$

Jake has _____ shells.



	Literacy	Math
Week 2	<ul style="list-style-type: none"> <input type="checkbox"/> Tigers <input type="checkbox"/> Cause/Effect <input type="checkbox"/> Point of View <input type="checkbox"/> Main Idea <input type="checkbox"/> Comparing Texts <input type="checkbox"/> Remember to read this week and record in your reading log! <i>(*Reading log can be found at the end of this packet.)</i> 	<p>Multiplication and Division Concepts</p> <ul style="list-style-type: none"> <input type="checkbox"/> Leaves & Flower Petals <input type="checkbox"/> Eyes, Ears & Whiskers <input type="checkbox"/> Multiplication Story Problems <input type="checkbox"/> T-Shirts, Erasers & Marbles <input type="checkbox"/> More Multiplication Story Problems <input type="checkbox"/> Fact Families & Missing Numbers <input type="checkbox"/> Multiplication Arrays <input type="checkbox"/> Frank the Frog & Bob the Beetle <input type="checkbox"/> More Multiplication Arrays <input type="checkbox"/> Flowers & Gifts

Tigers

The tiger is the largest wild cat in the world. The big cat's tail is 3 feet (1 meter) long. Tigers have a coat of reddish-orange with dark stripes.

Tigers hunt alone and they are able to bring down prey such as deer and antelope. Tigers wait until dark to hunt. The tiger sprints to an unsuspecting animal, usually pulling it off its feet with its teeth and claws. If the prey animal is large, the tiger bites its throat to kill it; smaller prey is usually killed when the tiger breaks its neck. Tigers have been known to eat up to 60 pounds (27 kilograms) of meat in one night, but more often they consume about 12 pounds (5 kilograms) during a meal. It may take days for a tiger to finish eating its kill. The cat eats until it's full, and then covers the carcass with leaves and dirt. The tiger comes back to feed some more.

How do tigers catch their prey?

Why do tigers cover up their 'meal' with leaves and dirt?

What is the meaning of the word prey?

Name _____

Cause/Effect

Read the passage below and answer the question that follows.

Before paper was invented the ancient Chinese wrote on pieces of silk cloth. But silk cost a lot of money. 1,900 years ago an empress in China asked a palace worker to get her a new type of material to write on.

The palace worker thought about a wasp's nest he saw. He knew that the material that the nest was made of, would be perfect material to write on.

The palace worker worked for three years until he came up with the perfect mixture of tree bark, pieces of fishing nets and water. This was the first type of paper ever created!

1. What caused the palace worker to create paper?
 - a. He saw a wasp's nest.
 - b. The empress asked him to find a new material.
 - c. The palace worker worked for 3 years.
 - d. The palace worker wanted to draw.

Name _____

Point of View

Dear Sal,

My entire family went skiing this weekend. It was my first time on the slopes. Skiing is so hard. I think I'd rather do homework than ski! I fell so many times that I lost count. The slopes were so crowded. People were bumping into me left and right! At one point, I was tempted to take my skis off and walk down the mountain. My mom kept telling me to lighten up, but I continued to ignore her. My parents want to go again in two weeks. Would you want to come with us?

Your Friend,

Billy

What is the author's point of view about skiing? Cite evidence to support your answer.

Name _____

Main Idea

Read the text below and answer the question that follows.

Fifty years ago, few people knew a much about computers. But today computers are everywhere!

Did you know that digital watches and cameras use computers? So do cell phones and televisions. Trucks and cars use computers too! Computers are all over!

1. What is the main idea?

2. List one supporting detail.

Name _____ Comparing Texts

Read the excerpt from a passage about toothpaste. Answer the questions that follow.

People like to have clean teeth.
People want their teeth white and shiny!
Toothpaste is made from sodium fluoride, a whitener, and flavoring.

Toothpaste wasn't always made with these ingredients. The first tooth cleaner was made in Egypt over 1,600 years ago. It was made out of mint, rock salt, pepper grains, and dried iris flower. Egyptians rubbed the paste on their teeth with a finger.



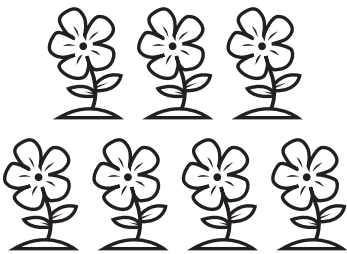
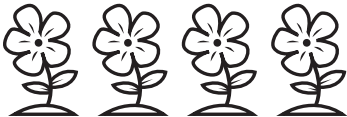
How are the two paragraphs in this passage connected?

NAME _____

DATE _____

Leaves & Flower Petals

Answer each question below. Write an addition or multiplication equation to show how you figured it out.


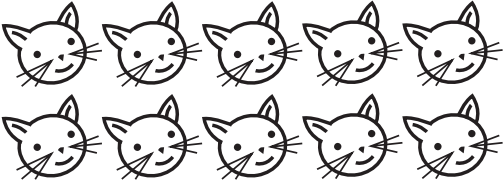
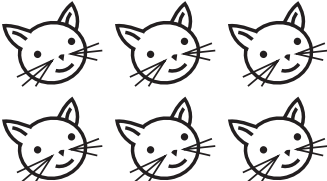

Picture	Answer the question.	Write an equation.
example 	There are 3 flowers. How many <i>leaves</i> ? 6	$2 + 2 + 2 = 6$ or $3 \times 2 = 6$
1 	There are 3 flowers. How many <i>petals</i> ?	
2 	There are 7 flowers. How many <i>leaves</i> ?	
3 	There are 4 flowers. How many <i>petals</i> ?	

NAME _____

DATE _____

Eyes, Ears & Whiskers

Answer each question below. Write an addition or multiplication equation to show how you figured it out.

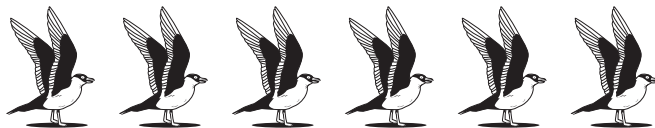
Picture	Answer the question.	Write your equation here.
example 	There is 1 cat. How many <i>eyes</i> ? 2	$1 \times 2 = 2$
1 	There are 10 cats. How many <i>eyes</i> ?	
2 	There are 6 cats. How many <i>ears</i> ?	
3 	There are 3 cats. How many <i>whiskers</i> ?	

NAME _____

DATE _____

Multiplication Story Problems

Write a story problem to go with each equation and picture. Then write the answer.

example**b**

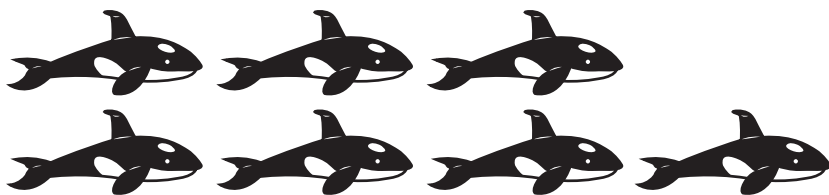
$$6 \times 2 = \underline{12}$$

a

Six birds were flying home. Each bird had 2 wings. How many wings were flapping?

1**b**

$$4 \times 2 = \underline{\hspace{2cm}}$$

a**2****b**

$$7 \times 2 = \underline{\hspace{2cm}}$$

a

NAME _____

DATE _____

T-Shirts, Erasers & Marbles

1 Fill in the bubble next to the equation that will help you solve each word problem.

a Marco wants to buy a T-shirt for each of his 4 cousins. Each T-shirt costs \$12. How much will Marco spend on the T-shirts in all?

☐ $4 + 12 = ?$
☐ $4 \times 12 = ?$
☐ $12 - 4 = ?$
☐ $12 \div 4 = ?$

b Kaylee has 4 erasers. Imani has 12 erasers. How many more erasers does Imani have than Kaylee?

☐ $4 + 12 = ?$
☐ $4 \times 12 = ?$
☐ $12 - 4 = ?$
☐ $12 \div 4 = ?$

c Lucia had 12 marbles. Her sister gave her 4 more. How many marbles does Lucia have now?

☐ $4 + 12 = ?$
☐ $4 \times 12 = ?$
☐ $12 - 4 = ?$
☐ $12 \div 4 = ?$



CHALLENGE

2 Use what you know about multiplication strategies to solve the problems below.

$$\begin{array}{r} 20 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 396 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 768 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 365 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 999 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 428 \\ \times 10 \\ \hline \end{array}$$

NAME _____

DATE _____

More Multiplication Story Problems

Write a story problem to go with each equation and picture. Then write the answer.

example



b

$$5 \times 3 = \underline{15}$$

a

3 vans were driving down the road. There were 5 kids in each van. How many kids were there altogether?

1

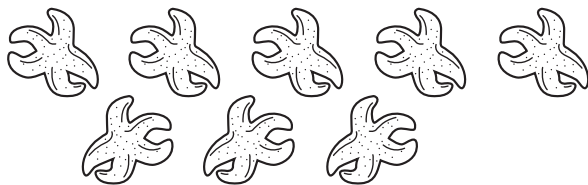


b

$$4 \times 5 = \underline{\hspace{2cm}}$$

a

2



b

$$5 \times 8 = \underline{\hspace{2cm}}$$

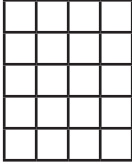
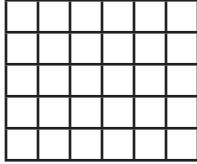
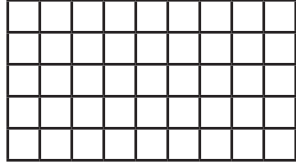
a

NAME _____

DATE _____

Fact Families & Missing Numbers

1 Write the multiplication and division fact family that belongs with each array.

<p>example</p> <div style="text-align: center;"> <p>4</p>  </div> <p style="margin-left: 40px;">5</p> $\begin{array}{r} 5 \times 4 = 20 \\ 4 \times 5 = 20 \\ 20 \div 5 = 4 \\ 20 \div 4 = 5 \end{array}$	<p>a</p> <div style="text-align: center;"> <p>6</p>  </div> <p style="margin-left: 40px;">5</p> $\begin{array}{r} ___ \times ___ = ___ \\ ___ \times ___ = ___ \\ ___ \div ___ = ___ \\ ___ \div ___ = ___ \end{array}$	<p>b</p> <div style="text-align: center;"> <p>9</p>  </div> <p style="margin-left: 40px;">5</p> $\begin{array}{r} ___ \times ___ = ___ \\ ___ \times ___ = ___ \\ ___ \div ___ = ___ \\ ___ \div ___ = ___ \end{array}$
---	---	---

2 Fill in the missing numbers below.

$\begin{array}{r} 2 \\ \times \square \\ \hline 12 \end{array}$	$\begin{array}{r} 7 \\ \times \square \\ \hline 35 \end{array}$	$\begin{array}{r} 2 \\ \times 8 \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \times 5 \\ \hline 50 \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline \square \end{array}$	$\begin{array}{r} 3 \\ \times \square \\ \hline 15 \end{array}$
$\begin{array}{r} 5 \\ \times 8 \\ \hline \square \end{array}$	$\begin{array}{r} 10 \\ \times \square \\ \hline 30 \end{array}$	$\begin{array}{r} 6 \\ \times 5 \\ \hline \square \end{array}$	$\begin{array}{r} 2 \\ \times \square \\ \hline 14 \end{array}$	$\begin{array}{r} 5 \\ \times \square \\ \hline 25 \end{array}$	$\begin{array}{r} \square \\ \times 2 \\ \hline 18 \end{array}$



CHALLENGE

3

a $16 + 20 - (2 \times 4) = \underline{\hspace{2cm}}$ **b** $(7 \times 5) + 150 = \underline{\hspace{2cm}}$ **c** $(10 \times 10) - 79 = \underline{\hspace{2cm}}$

NAME _____

DATE _____

Multiplication Arrays

1 Complete the multiplication facts.

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

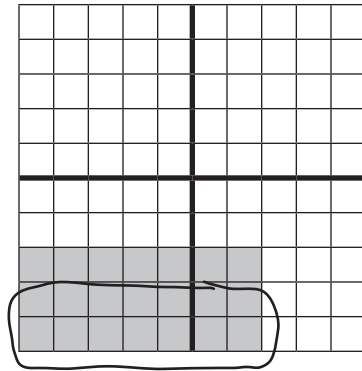
$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$

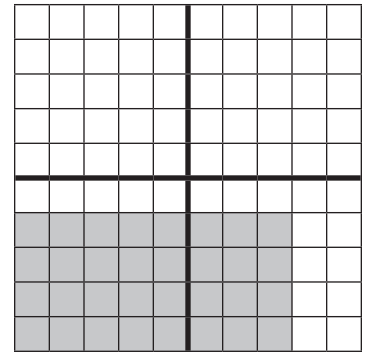
2 Use the array to show how you could solve each fact.

example $3 \times 7 = \underline{21}$

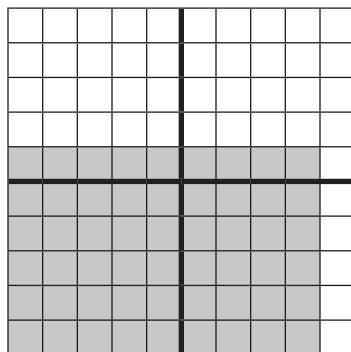
$$\begin{array}{l} 2 \times 7 = 14 \\ 14 + 7 = 21 \end{array}$$



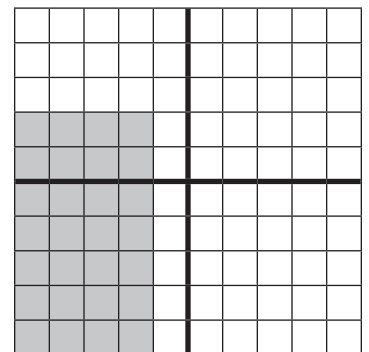
a $4 \times 8 = \underline{\quad\quad\quad}$



b $6 \times 9 = \underline{\quad\quad\quad}$



c $7 \times 4 = \underline{\quad\quad\quad}$



NAME _____

DATE _____

Frank the Frog & Bob the Beetle

1a Frank the frog goes 4 feet each time he jumps. How many times will he have to jump to make it 32 feet? Show all your work. Use the number line below to help.



b Complete the division equation to show your answer above: $32 \div 4 = \underline{\hspace{2cm}}$

2a Bob the beetle can crawl 6 feet in a minute. How long will it take him to crawl 18 feet? Show all your work. Use the number line below to help.



b Write a division equation to show your answer. _____



CHALLENGE

c How long would it take Bob to crawl 27 feet? Show all of your work.



NAME _____

DATE _____

More Multiplication Arrays

1 Complete the multiplication facts.

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

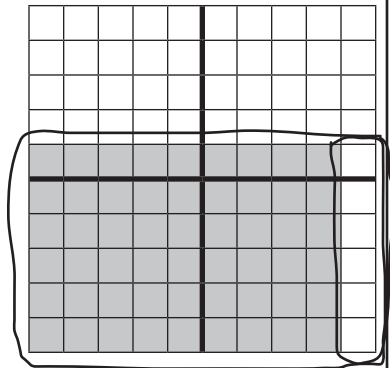
$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

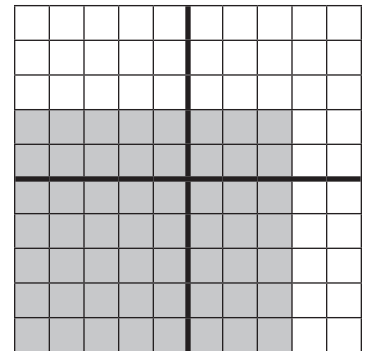
2 Use the array to show how you could solve each fact if you didn't already know the answer.

example $6 \times 9 = \underline{54}$

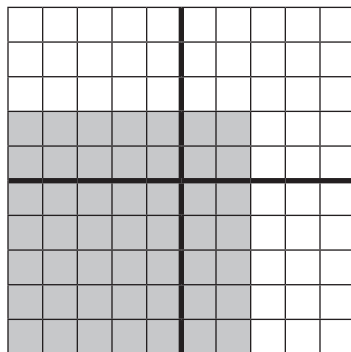
$$\begin{array}{l} 6 \times 10 = 60 \\ 60 - 6 = 54 \end{array}$$



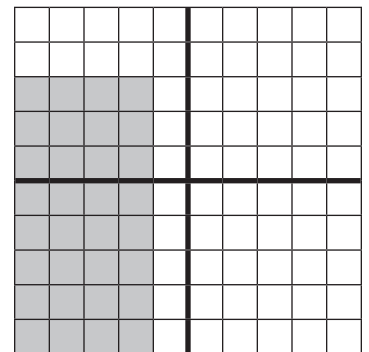
a $7 \times 8 = \underline{\quad\quad\quad}$



b $7 \times 7 = \underline{\quad\quad\quad}$



c $8 \times 4 = \underline{\quad\quad\quad}$



NAME _____

DATE _____

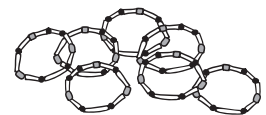
Flowers & Gifts

1a Will is helping his mom get ready for a party. His mom wants Will to put flowers in jars to put on the tables. He needs to put 7 flowers in each jar. He has 45 flowers. How many jars can he fill? Show all your work.

b How many flowers did Will have left over?



2 Mai is buying gifts for her 4 friends. She wants to get each friend a bracelet that costs \$4 and a mechanical pencil that costs \$3. How much money will she spend in all? Show all your work.



CHALLENGE

3 Mai changed her mind and decided to get each of her 4 friends a comic book that cost \$3.99 and an eraser that cost 99¢. How much money did she spend in all? Show all of your work.

	Literacy	Math
Week 3	<ul style="list-style-type: none"> <input type="checkbox"/> Bull Sharks <input type="checkbox"/> Cause/Effect <input type="checkbox"/> Point of View <input type="checkbox"/> Main Idea <input type="checkbox"/> Comparing Texts <input type="checkbox"/> Remember to read this week and record in your reading log! <i>(*Reading log can be found at the end of this packet.)</i> 	<p>Multiplication and Division Concepts</p> <ul style="list-style-type: none"> <input type="checkbox"/> Missing Numbers & Fact Families <input type="checkbox"/> Cats & Kittens <input type="checkbox"/> More Missing Numbers & Fact Families <input type="checkbox"/> Family Math Night <input type="checkbox"/> Products and Sums <input type="checkbox"/> Multiplication Review <input type="checkbox"/> Multiplying & Dividing <input type="checkbox"/> Operations Review <input type="checkbox"/> Basic Multiplication & Division Review <input type="checkbox"/> Add, Subtract & Multiply

Bull Sharks

Bull sharks are the most dangerous sharks in the world, according to many experts. This is because they're an aggressive species of shark, and they tend to hunt in waters where people often swim: along tropical shorelines.

Bull sharks live throughout the world, in shallow, warm ocean waters. They've been known to swim up into freshwater rivers. Humans are not part of a bull shark's normal prey. Bull sharks will eat almost anything, but their diet consists mainly of fish. They also sometimes eat dolphins and sea turtles. Bull sharks even eat other sharks. They hunt during the day and at night.

Why are bull sharks considered the most dangerous sharks in the world?

What do bull sharks eat?

Name _____

Cause/Effect

Read the excerpt below and answer the questions that follow.

Bob and his friends sat around the lunch table discussing their project for the upcoming science fair. Bob came up with an idea to do a project about electricity. Tom laughed and told him that was not a good idea. Bob put his head down and started to pout.

1. Find a cause and effect relationship in the text.

Cause

Effect

Name _____

Point of View

Dear Mark,

Math class is absolutely the worst class that I have ever taken. We get way too much homework, the teacher yells all of the time, and the classroom walls are bare. I feel like I'm sitting inside of a cardboard box when I am in math class. I would give anything not to be there. It is terrible!

Sincerely,
Joe

What is the author's point of view about his dog?
Cite evidence to support your answer.

Name _____

Main Idea

Read the excerpt below and answer the question that follows.

Did you know that plants can live in the desert, even though deserts receive less than 10 inches of rain per year? The days are hot and the nights can get very cold in the desert.

Cactus plants live in the desert. They have a waxy coating that helps keep water in the cactus by preventing it from evaporating or escaping through tiny holes in the plant. Cactuses are good at storing water too.

1. What is the main idea?

Name _____ Comparing Texts

Read the excerpt from a passage about toothpaste. Answer the questions that follow.

Many people exercise to stay healthy. Cardiovascular exercise helps in keeping your heart strong. Lifting weights keeps your muscles strong. Muscles surround and support your bones.

Eating right is a great way to stay healthy. Fruits and vegetables contain important vitamins that your body needs. People should eat balanced meals. For example, a healthy dinner consists of a lot of vegetables, some protein, and a little bit of carbohydrates, like bread.

How are the two paragraphs in this passage connected?

NAME _____

DATE _____

Missing Numbers & Fact Families

1 Fill in the missing numbers below.

$$\begin{array}{r} 2 \\ \times \square \\ \hline 12 \end{array}$$

$$\begin{array}{r} \square \\ \times 3 \\ \hline 27 \end{array}$$

$$\begin{array}{r} 7 \\ \times \square \\ \hline 14 \end{array}$$

$$\begin{array}{r} \square \\ \times 3 \\ \hline 30 \end{array}$$

$$\begin{array}{r} \square \\ \times 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 10 \\ \times \square \\ \hline 0 \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 10 \\ \times \square \\ \hline 70 \end{array}$$

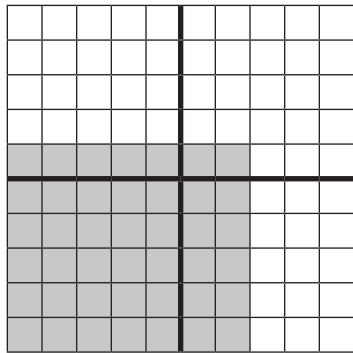
$$\begin{array}{r} 4 \\ \times 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ \times \square \\ \hline 18 \end{array}$$

$$\begin{array}{r} \square \\ \times 6 \\ \hline 30 \end{array}$$

2 Write the multiplication and division fact family that goes with each array. Use the arrays to find each product if you need to.

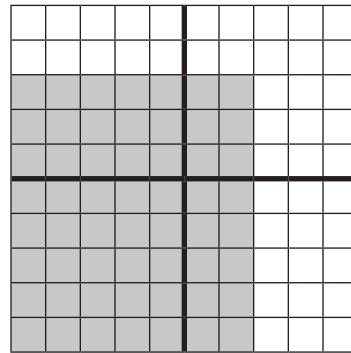
a

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

b

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

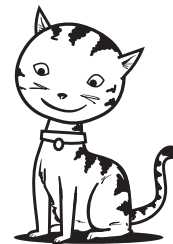
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

NAME _____

DATE _____

Cats & Kittens

Pick the equation you could use to solve each problem. Then solve the problem.



1a Ray's cat had 6 kittens. His neighbor adopted 2 of them. How many kittens does Ray have left?

☐ $6 \div 2 = ?$ ☐ $6 + 2 = ?$ ☐ $6 - 2 = ?$ ☐ $6 \times 2 = ?$

b Ray had _____ kittens left.

2a Marsha's cat had 6 kittens. She gave all of them away by giving 2 kittens each to some of her neighbors. How many neighbors got 2 kittens?

☐ $6 \div 2 = ?$ ☐ $6 + 2 = ?$ ☐ $6 - 2 = ?$ ☐ $6 \times 2 = ?$

b _____ neighbors got 2 kittens each.

3a One of Larry's cats had 6 kittens. Another one of his cats had only 2 kittens. How many kittens were there in all?

☐ $6 \div 2 = ?$ ☐ $6 + 2 = ?$ ☐ $6 - 2 = ?$ ☐ $6 \times 2 = ?$

b There were _____ kittens in all.



CHALLENGE

4a Write a story problem to match this equation. $24 \div 3 =$ _____

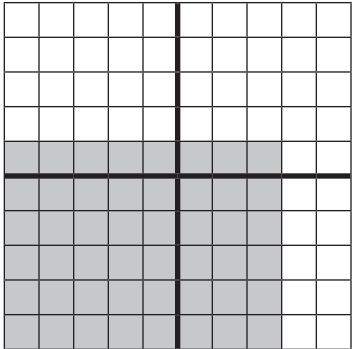
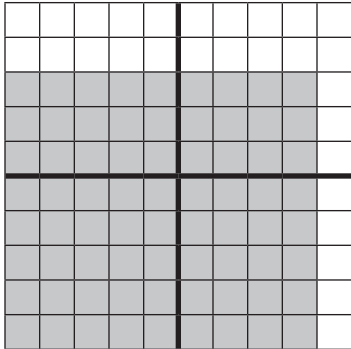
b Solve the story problem. Write your answer here: _____

NAME _____

DATE _____

More Missing Numbers & Fact Families

1 Write the multiplication and division fact family that goes with the array. Use the array to find the product if you need to.

<p>a</p>  <p>____ × ____ = ____</p> <p>____ × ____ = ____</p> <p>____ ÷ ____ = ____</p> <p>____ ÷ ____ = ____</p>	<p>b</p>  <p>____ × ____ = ____</p> <p>____ × ____ = ____</p> <p>____ ÷ ____ = ____</p> <p>____ ÷ ____ = ____</p>
--	--

2 Fill in the missing numbers below.

$\begin{array}{r} 4 \\ \times \square \\ \hline 24 \end{array}$	$\begin{array}{r} \square \\ \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} 2 \\ \times \square \\ \hline 16 \end{array}$	$\begin{array}{r} \square \\ \times 5 \\ \hline 50 \end{array}$	$\begin{array}{r} 5 \\ \times 7 \\ \hline \square \end{array}$	$\begin{array}{r} 4 \\ \times \square \\ \hline 16 \end{array}$
$\begin{array}{r} 5 \\ \times 6 \\ \hline \square \end{array}$	$\begin{array}{r} 6 \\ \times 6 \\ \hline \square \end{array}$	$\begin{array}{r} 9 \\ \times \square \\ \hline 27 \end{array}$	$\begin{array}{r} 2 \\ \times 9 \\ \hline \square \end{array}$	$\begin{array}{r} 7 \\ \times \square \\ \hline 49 \end{array}$	$\begin{array}{r} 4 \\ \times 7 \\ \hline \square \end{array}$
$\begin{array}{r} 8 \\ \times 4 \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \times 9 \\ \hline 36 \end{array}$	$\begin{array}{r} 6 \\ \times \square \\ \hline 48 \end{array}$	$\begin{array}{r} \square \\ \times 3 \\ \hline 21 \end{array}$	$\begin{array}{r} 9 \\ \times 6 \\ \hline \square \end{array}$	$\begin{array}{r} 5 \\ \times 8 \\ \hline \square \end{array}$

NAME _____

DATE _____

Family Math Night

1a Flora was helping Mr. Jackson get ready for Family Math Night. Eight families were coming. Flora needed to count out 4 square pattern blocks and 3 triangle pattern blocks for each family. How many pattern blocks did she count out altogether? Show all your work.

b Solve the problem a different way or use estimation to show that your answer makes sense.

2a Mr. Jackson also wanted Flora to set out 22 game markers for each family. How many game markers did she set out in all? Show all your work.

b Solve the problem a different way or use estimation to show that your answer makes sense.

NAME _____

DATE _____

Products & Sums

1 Complete the multiplication facts. Do the ones that are easy for you first. Then go back and do the rest. Use the facts you know to help solve the ones you don't know.

$$\begin{array}{r} 1 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

2 Find the mystery numbers for each pair of clues. A *product* is the number you get when you multiply numbers. A *sum* is a number you get when you add numbers.

a Use these clues to help

- The product of these two numbers is 12.
- The sum of these two numbers is 7.

The numbers are _____ and _____.

b Use these clues to help

- The product of these two numbers is 8.
- The sum of these two numbers is 9.

The numbers are _____ and _____.

NAME _____

DATE _____

Multiplication Review

1 Complete the multiplication facts.

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

2 Fill in the missing number in each fact. Then write a related division equation.

ex $\begin{array}{r} \boxed{4} \\ \times 5 \\ \hline 20 \end{array}$ $20 \div 5 = 4$	a $\begin{array}{r} \boxed{} \\ \times 2 \\ \hline 16 \end{array}$ $_\div_\ = _\$	b $\begin{array}{r} 5 \\ \times \boxed{} \\ \hline 35 \end{array}$ $_\div_\ = _\$	c $\begin{array}{r} \boxed{} \\ \times 9 \\ \hline 18 \end{array}$ $_\div_\ = _\$
---	--	--	--



CHALLENGE

3 Use what you know about basic facts to complete these problems.

$$\begin{array}{r} 20 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 382 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 69 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 4 \\ \hline \end{array}$$

NAME _____

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Multiplying & Dividing

1 Complete the multiplication facts.

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

2 Complete the division facts.

$100 \div 10 = \underline{\hspace{2cm}}$

$16 \div 2 = \underline{\hspace{2cm}}$

$25 \div 5 = \underline{\hspace{2cm}}$

$12 \div 2 = \underline{\hspace{2cm}}$

$3 \div 1 = \underline{\hspace{2cm}}$

$20 \div 2 = \underline{\hspace{2cm}}$



CHALLENGE

3 Use what you know about basic fact strategies to solve these multiplication problems.

$$\begin{array}{r} 24 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 329 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 1,946 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 500 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times 6 \\ \hline \end{array}$$

4 Answer these questions.

a Would the product of these two numbers be odd or even?

$$3,407 \times 10$$

b How do you know?

NAME _____

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Operations Review Add, Subtract, Multiply & Divide

1 Complete the multiplication facts.

$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

2 Complete the division facts.

$40 \div 5 = \underline{\hspace{2cm}}$

$70 \div 10 = \underline{\hspace{2cm}}$

$8 \div 8 = \underline{\hspace{2cm}}$

$10 \div 2 = \underline{\hspace{2cm}}$

$35 \div 5 = \underline{\hspace{2cm}}$

$14 \div 2 = \underline{\hspace{2cm}}$

3 Solve the addition and subtraction problems.

$$\begin{array}{r} 357 \\ + 88 \\ \hline \end{array}$$

$$\begin{array}{r} 208 \\ + 153 \\ \hline \end{array}$$

$$\begin{array}{r} 326 \\ + 692 \\ \hline \end{array}$$

$$\begin{array}{r} 436 \\ + 289 \\ \hline \end{array}$$

$$\begin{array}{r} 285 \\ + 196 \\ \hline \end{array}$$

$$\begin{array}{r} 716 \\ + 384 \\ \hline \end{array}$$

$$\begin{array}{r} 537 \\ - 129 \\ \hline \end{array}$$

$$\begin{array}{r} 403 \\ - 266 \\ \hline \end{array}$$

$$\begin{array}{r} 638 \\ - 409 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 299 \\ \hline \end{array}$$

$$\begin{array}{r} 350 \\ - 107 \\ \hline \end{array}$$

$$\begin{array}{r} 697 \\ - 523 \\ \hline \end{array}$$

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Basic Multiplication & Division Review

1 Complete the multiplication facts.

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

2 Complete the division facts.

$10 \div 5 = \underline{\quad\quad}$

$9 \div 1 = \underline{\quad\quad}$

$20 \div 10 = \underline{\quad\quad}$

$50 \div 5 = \underline{\quad\quad}$

$30 \div 5 = \underline{\quad\quad}$

$18 \div 2 = \underline{\quad\quad}$



CHALLENGE

3 Charlie says that if the sides of a rectangle are all whole numbers, it is impossible for the rectangle's perimeter to be odd. Is he correct? Use pictures, numbers, and/or words to explain your answer.

NAME _____

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Add, Subtract & Multiply

1 Solve the addition and subtraction problems.

$$\begin{array}{r} 427 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 728 \\ + 436 \\ \hline \end{array}$$

$$\begin{array}{r} 246 \\ + 795 \\ \hline \end{array}$$

$$\begin{array}{r} 500 \\ - 150 \\ \hline \end{array}$$

$$\begin{array}{r} 280 \\ - 145 \\ \hline \end{array}$$

$$\begin{array}{r} 285 \\ - 143 \\ \hline \end{array}$$





$$\begin{array}{r} 964 \\ - 528 \\ \hline \end{array}$$

$$\begin{array}{r} 835 \\ - 297 \\ \hline \end{array}$$

$$\begin{array}{r} 603 \\ - 465 \\ \hline \end{array}$$

$$\begin{array}{r} 460 \\ - 235 \\ \hline \end{array}$$

2 Write a greater than, less than, or equal sign to complete each number sentence.

example $36 + 4 < 26 + 20$	a 5×8 10×3
b $12 + 18$ $2 + 28$	c $25 - 10$ $35 - 20$
d 2×12 2×8	e 1×9 3×4
 f $890 - 500$ $756 - 540$	 g 400 $150 + 250$
 h 2×96 4×50	 i 1×450 $500 - 50$

3 Pick the equation that will help you solve the problem. Then solve the problem. Jake found 32 shells on the beach. He gave half of them to his brother. Then his sister gave Jake 18 more shells. How many shells does Jake have now?

☐ $(32 \times 2) + 18 = ?$

☐ $(32 \times 2) - 18 = ?$

☐ $(32 \div 2) + 18 = ?$

Jake has _____ shells.



	Literacy	Math
Week 4	<input type="checkbox"/> Brown Bears <input type="checkbox"/> Inferences <input type="checkbox"/> Point of View <input type="checkbox"/> Main Idea <input type="checkbox"/> Comparing Texts <input type="checkbox"/> Remember to read this week and record in your reading log! <i>(*Reading log can be found at the end of this packet.)</i>	<p>Fractions</p> <input type="checkbox"/> Name the Fraction <input type="checkbox"/> Fraction Fill-Ins <input type="checkbox"/> Comparing Fractions <input type="checkbox"/> Fraction Fill & Compare <input type="checkbox"/> Sandwich Fractions <input type="checkbox"/> More Division & Fractions <input type="checkbox"/> Sophie's Marbles & Ricky's Fish <input type="checkbox"/> Fraction Problems <input type="checkbox"/> Thinking about Fractions <input type="checkbox"/> Fruit Fractions <input type="checkbox"/> Pizza Problems <input type="checkbox"/> Fraction Review

Brown Bears

Brown bears are often called grizzly bears. In the fall, these bears prepare for a long hibernation. During the fall, a brown bear eats practically around the clock, stocking up for the four to seven months when it'll have to live off stored body fat. A grizzly may chow down on 90 pounds (40 kilograms) of food each day.

As winter approaches, the fattened bear waddles into a den among rocks or one it dug out among tree roots. The female brown bear enters her den pregnant with one (sometimes two or three) baby bears. Mama bear doesn't even wake up as her blind and hairless cub is born midwinter. The tiny bear, about the size of a chipmunk, is just strong enough to crawl into a position where it settles in to nurse. A female brown bear's milk is very rich in fat and calories, so the cub grows quickly.

By the time the adult grizzly wakes up in the spring, her baby is strong enough to follow her out of the den. Cubs live with their mothers for up to three years.

How do brown bears prepare for hibernation?

How does the brown bear survive in the winter without any food?

Name _____

Inferences

Read the excerpt below and answer the questions that follow.

I write my parents letters each day. After swimming and sports, we have an hour of down time. This is when I write my letters. I usually go back to the cabin, lay on my bunk, and write my letters. I look forward to seeing them at the end of the month.

1. Where is the narrator?

2. How do you know this?

Name _____

Point of View

Parker is the best dog a person could ever have. Whenever I take him for walks, he stops to lick each and every person that we pass. When I come home from school each day, Parker is at the door to greet me. If I am sad, he snuggles with me. It seems like he knows just what to do to make me feel better. When people ask me about my best friend, I talk about Parker!

What is the author's point of view about his dog?
Cite evidence to support your answer.

Name _____

Main Idea

Read the excerpt below and answer the questions that follow.

Sal's sister is always pestering him. Last week, she woke him up on a Saturday morning at 5am. The week before that she interrupted Sal and his friends while they were studying for a big test. Sal complains to his mom about his sister, but she never gets punished. Sal had to write an essay in class today, and his essay was titled, "I Need a New Sister".

1. What is the main idea?

2. List one supporting detail.

Name _____

Compare Texts

Read the ads below and answer the question that follows.

For Sale

Brand new dining room set on sale for \$1200.00.
Made of solid wood. This set comes with 8 chairs
and a beautiful table.

For Sale

Dining room set. \$1250.00
Cash only!

1. What is the main idea of both ads?

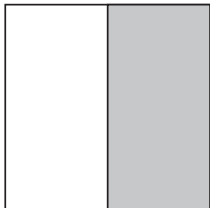
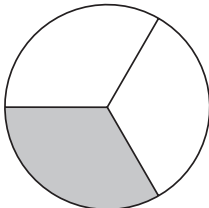
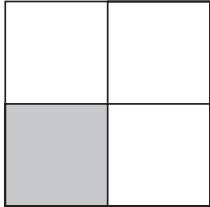
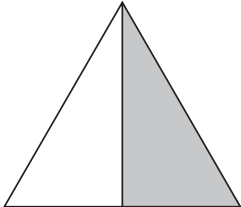
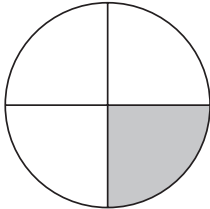

2. How are these ads different?

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Name the Fraction

1 Fill in the bubble next to the fraction that shows how much of each shape is filled in.

<p>example</p> <p><input checked="" type="radio"/> $\frac{1}{2}$</p> <p><input type="radio"/> $\frac{1}{3}$</p> <p><input type="radio"/> $\frac{1}{4}$</p> 	<p>a</p> <p><input type="radio"/> $\frac{1}{2}$</p> <p><input type="radio"/> $\frac{1}{3}$</p> <p><input type="radio"/> $\frac{1}{4}$</p> 
<p>b</p> <p><input type="radio"/> $\frac{1}{2}$</p> <p><input type="radio"/> $\frac{1}{3}$</p> <p><input type="radio"/> $\frac{1}{4}$</p> 	<p>c</p> <p><input type="radio"/> $\frac{1}{2}$</p> <p><input type="radio"/> $\frac{1}{3}$</p> <p><input type="radio"/> $\frac{1}{4}$</p> 
<p>c</p> <p><input type="radio"/> $\frac{1}{2}$</p> <p><input type="radio"/> $\frac{1}{3}$</p> <p><input type="radio"/> $\frac{1}{4}$</p> 	<p>e</p> <p><input type="radio"/> $\frac{1}{2}$</p> <p><input type="radio"/> $\frac{1}{3}$</p> <p><input type="radio"/> $\frac{1}{4}$</p> 



CHALLENGE

2 Follow the instructions to color the array at the right.

- Color half the squares in the array red.
- Color one-fourth of the squares in the array blue.
- Color the rest of the squares in the array green.

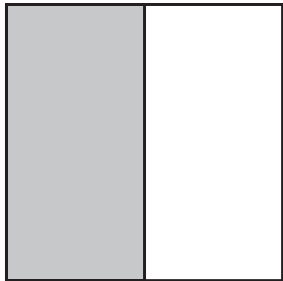
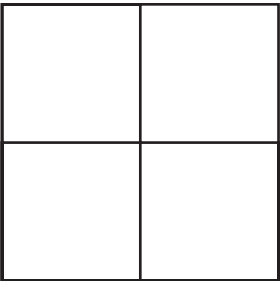
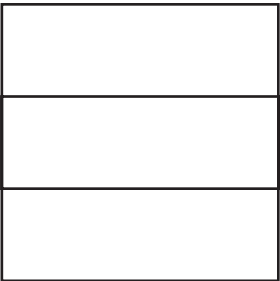
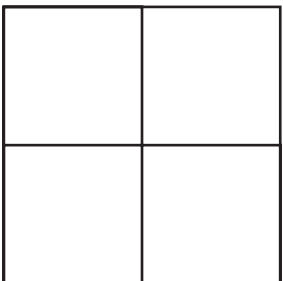

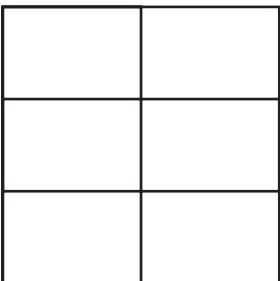

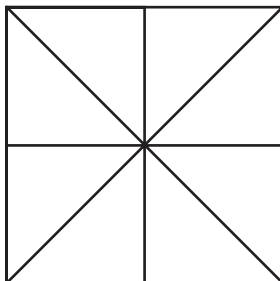
What fraction of the array is green?

NAME _____

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Fraction Fill-Ins

1 Shade in each square to show the fraction.

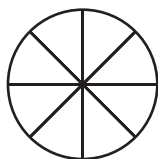
<p>example $\frac{1}{2}$</p> 	<p>a $\frac{1}{4}$</p> 	<p>b $\frac{1}{3}$</p> 
<p>c $\frac{2}{4}$</p> 	<p> d $\frac{4}{6}$</p> 	<p> e $\frac{3}{8}$</p> 



CHALLENGE

2 Follow the instructions to color the circle.

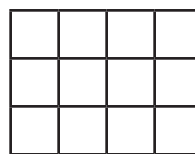
- Color $\frac{2}{8}$ of the circle red.
- Color $\frac{3}{8}$ of the circle green.
- Color $\frac{1}{8}$ of the circle yellow.
- Color the rest of the circle blue.



What fraction of the circle is blue?

3 Follow the instructions to color the rectangle.

- Color $\frac{1}{4}$ of the rectangle purple.
- Color $\frac{2}{4}$ of the rectangle orange.
- Color $\frac{1}{12}$ of the rectangle blue.
- Color the rest of the rectangle brown.



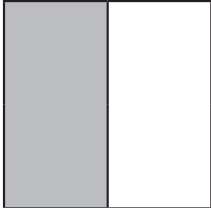
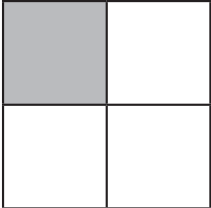
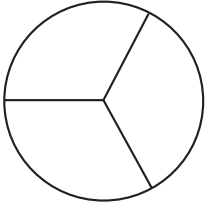
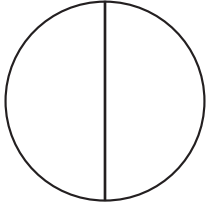
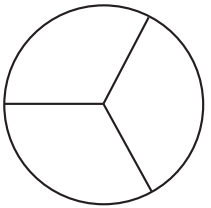
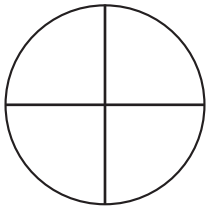
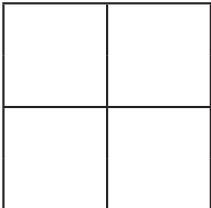
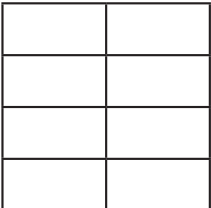
What fraction of the rectangle is brown?

NAME _____

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Comparing Fractions

Fill in the shapes to show the two fractions. Then compare them using $<$ or $>$.

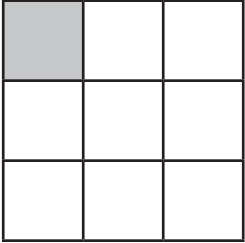
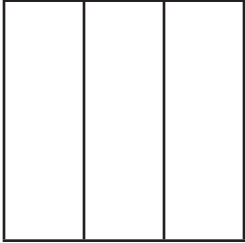
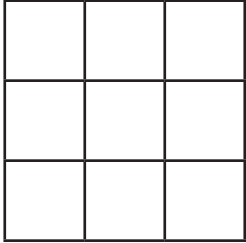
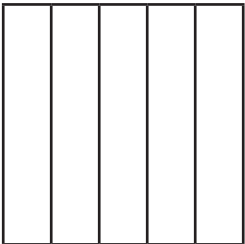
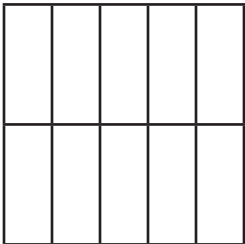
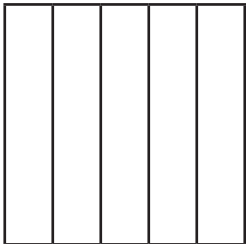
Show these fractions.	Compare the fractions with $<$ or $>$.
example  $\frac{1}{2}$  $\frac{1}{4}$	$\frac{1}{2} > \frac{1}{4}$
1  $\frac{1}{3}$  $\frac{1}{2}$	$\frac{1}{3}$ $\frac{1}{2}$
2  $\frac{2}{3}$  $\frac{2}{4}$	$\frac{2}{3}$ $\frac{2}{4}$
3  $\frac{3}{4}$  $\frac{5}{8}$	$\frac{3}{4}$ $\frac{5}{8}$

NAME _____

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Fraction Fill & Compare

1 Fill in the shapes to show each fraction.

example $\frac{1}{9}$ 	a $\frac{1}{3}$ 	b $\frac{2}{9}$ 
c $\frac{1}{5}$ 	d $\frac{2}{10}$ 	e $\frac{2}{5}$ 

2 Look at the fractions you shaded in above. Use them to help complete each number sentence by writing $<$, $>$, or $=$.

ex $\frac{1}{3} > \frac{1}{9}$	a $\frac{1}{5} \quad \frac{1}{3}$	b $\frac{1}{3} \quad \frac{2}{9}$
c $\frac{2}{10} \quad \frac{2}{9}$	d $\frac{1}{5} \quad \frac{2}{10}$	e $\frac{2}{5} \quad \frac{2}{10}$



CHALLENGE

3 Use what you know about fractions to complete each number sentence by writing $<$, $>$, or $=$.

a $\frac{1}{100} \quad \frac{1}{50}$	b $\frac{2}{100} \quad \frac{1}{50}$	c $\frac{1}{4} \quad \frac{1}{16}$
---	---	---

NAME _____

DATE _____

Sandwich Fractions

1 Wanda and her sister Lola were eating sandwiches. The sandwiches were the same size. Wanda ate $\frac{1}{2}$ of her sandwich. Lola ate $\frac{3}{4}$ of her sandwich. Who ate more of her sandwich, Wanda or Lola? Explain how you know using pictures, numbers, and/or words.

2 Lucy and her brother Bob were eating sandwiches at a picnic. The sandwiches were all the same size. Lucy ate $\frac{1}{2}$ of a peanut butter sandwich and $\frac{1}{4}$ of an egg salad sandwich. Bob ate $\frac{1}{4}$ of a tuna sandwich and $\frac{3}{4}$ of a turkey sandwich. Who ate more, Lucy or Bob? Explain how you know using pictures, numbers, and/or words.



NAME _____

DATE _____

More Division & Fractions

1 Complete the division facts. They may help you with the next problem.

a $20 \div 5 = \underline{\quad}$

b $20 \div 10 = \underline{\quad}$

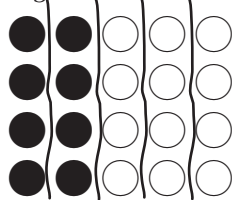
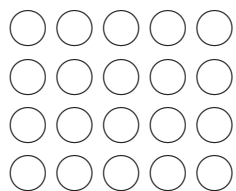
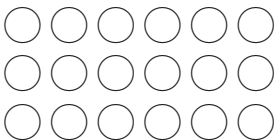
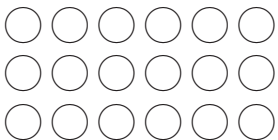
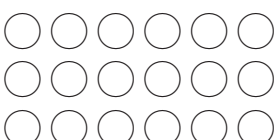
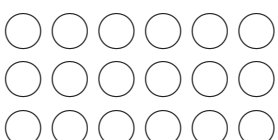
c $18 \div 2 = \underline{\quad}$

d $18 \div 3 = \underline{\quad}$

e $18 \div 6 = \underline{\quad}$

f $18 \div 9 = \underline{\quad}$

2 Divide each set into equal groups. Shade in some circles to show each fraction. (Hint: The denominator (bottom number) shows how many equal groups. The division problems above will help you think about how many circles should be in each equal group.)

<p>ex Shade in $\frac{2}{5}$ of the circles.</p>  <p>5 equal groups. 2 groups are shaded in.</p>	<p>a Shade in $\frac{4}{10}$ of the circles.</p> 
<p>b Shade in $\frac{3}{6}$ of the circles.</p> 	<p>c Shade in $\frac{5}{6}$ of the circles.</p> 
<p>d Shade in $\frac{2}{3}$ of the circles.</p> 	<p>e Shade in $\frac{8}{9}$ of the circles.</p> 

3 Which fraction or fractions above are less than $\frac{1}{2}$?

4 Write $<$, $>$, or $=$ to compare two fractions. Use the pictures above to help.

<p>a $\frac{2}{5}$ $\frac{2}{3}$</p>	<p>b $\frac{5}{6}$ $\frac{8}{9}$</p>	<p>c $\frac{3}{6}$ $\frac{2}{3}$</p>
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NAME _____

DATE _____

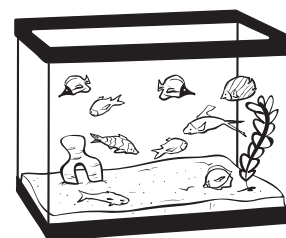
Sophie's Marbles & Ricky's Fish

1a Sophie had a big bag of marbles. $\frac{1}{4}$ of them were blue, $\frac{1}{8}$ of them were red, $\frac{1}{2}$ of them were green, and $\frac{1}{8}$ of them were yellow. Were there more blue, red, green, or yellow marbles? Use numbers, pictures, and/or words to explain how you know.

b Were there more blue or red marbles? Use numbers, pictures, and/or words to explain how you know.



2 Ricky had 20 small fish in his fish tank. $\frac{2}{5}$ of them were blue and $\frac{1}{4}$ of them were purple. Did he have more blue fish or purple fish? Use numbers, pictures, and/or words to explain how you know.

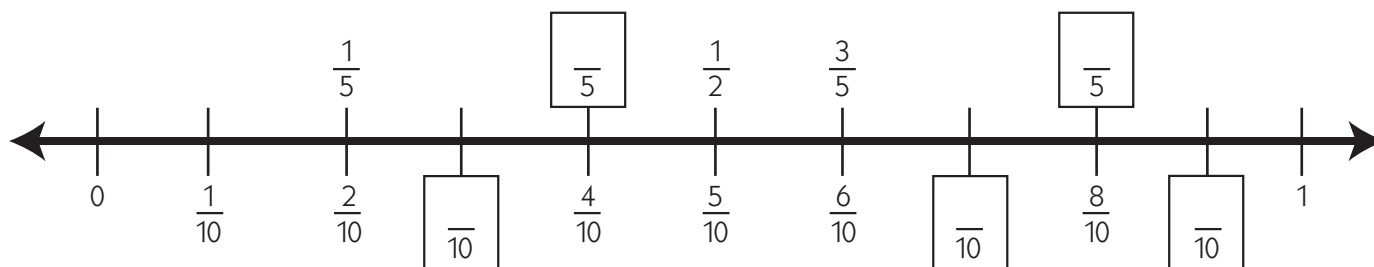


NAME _____

DATE _____

Fraction Problems

1 Fill in the missing numerators on the number line below.



2 Use the number line above to help answer the questions below.

a Chris ran $\frac{8}{10}$ of a mile. Dan ran $\frac{3}{5}$ of a mile. Who ran farther?

b Jenny has $\frac{4}{10}$ of a meter of yarn. Sue has $\frac{4}{5}$ of a meter of yarn. Who has more yarn?

c Lewis and his brother Sam were walking to their grandma's house. Lewis walked $\frac{7}{10}$ of the way and then stopped to rest. Sam walked half the way there and then stopped to rest. Who walked farther before stopping to rest?

3 Use the number line above to compare the fractions below. Use the symbols $<$, $>$, or $=$ to complete each number sentence.

ex $\frac{7}{10} > \frac{3}{10}$	a $\frac{1}{5} \quad \frac{4}{5}$	b $\frac{7}{10} \quad \frac{4}{5}$
c $\frac{3}{5} \quad \frac{5}{10}$	d $\frac{2}{5} \quad \frac{4}{10}$	e $\frac{1}{5} \quad \frac{3}{10}$



CHALLENGE

4 Fill in the missing numerals below.

a $\frac{1}{10} = \frac{\boxed{}}{20}$	b $\frac{1}{5} = \frac{\boxed{}}{20}$	c $\frac{3}{5} = \frac{\boxed{}}{20}$
---	--	--

NAME _____

DATE _____

Thinking About Fractions

1 Marty ordered a small milk at lunch. His brother Bob ordered a large milk. They each drank three-fourths of their milk. Who drank more milk, Marty or Bob? Explain how you know.



2 At the movies Laura got a large popcorn. Her sister Susan got a small popcorn. They each ate half their popcorn. Who ate more popcorn, Laura or Susan? Explain how you know.



3 At lunch Steven ate a third of a jumbo burger. His mother ate a third of a regular burger. Who ate more, Steven or his mom?



CHALLENGE

4 Jim drank $\frac{2}{3}$ of a bottle of juice that was 24 ounces. Frank drank $\frac{3}{4}$ of a bottle of juice that was 16 ounces. Who drank more juice? Use pictures, numbers, and/or words to explain how you know.



NAME _____

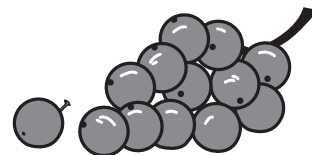
DATE _____

Fruit Fractions

1 A farm stand was selling 2-pound boxes of strawberries. Noah's family ate $\frac{2}{5}$ of a box. Zach's family ate $\frac{3}{4}$ of a box. Which family ate more strawberries? Use pictures, numbers, and/or words to explain how you know.



2 Ronda and Shawna bought a bunch of grapes. Ronda ate $\frac{5}{16}$ of the grapes and Shawna ate $\frac{1}{2}$ of the grapes. Who ate more grapes? Use pictures, numbers, and/or words to explain how you know.



3 Violet's mom got a melon at the store and cut it into 8 equal pieces. Violet ate $\frac{3}{8}$ of the melon. Her mom ate $\frac{1}{4}$ of the melon. Who ate more melon? Use pictures, numbers, and/or words to explain how you know.

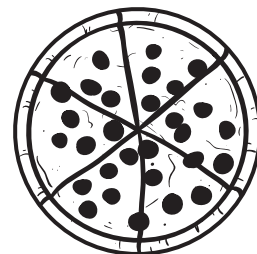


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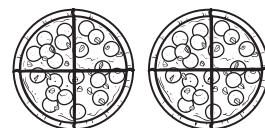
DATE _____

Pizza Problems

1 Jim and Emma were eating pizza for lunch. Jim ate $\frac{2}{6}$ of the pizza. Emma ate $\frac{3}{6}$ of the pizza. How much pizza did they eat altogether? Use pictures, numbers, and/or words to explain how you got the answer.



2 Rosa and Carmen made two mini-pizzas for lunch. They cut both pizzas into fourths. Rosa ate $\frac{3}{4}$ of a pizza. Carmen ate $\frac{3}{4}$ of a pizza. Altogether, how much pizza did they eat? Use pictures, numbers, and/or words to explain how you got the answer.



CHALLENGE

3a Carl and his brother Noel ordered a pizza. Carl ate $\frac{1}{4}$ of the pizza. Noel ate $\frac{3}{8}$ of the pizza. How much of the pizza did they eat altogether? Use pictures, numbers, and/or words to explain how you got the answer.



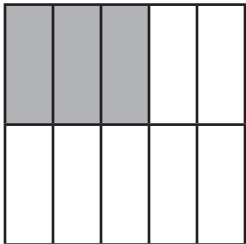
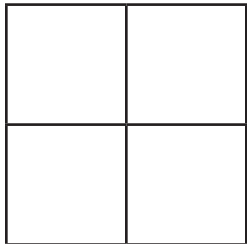
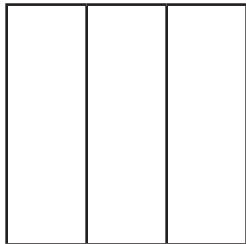
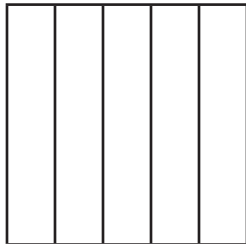
b How much of the pizza was left after Carl and Noel were done eating? Use pictures, numbers, and/or words to explain how you got the answer.

NAME _____

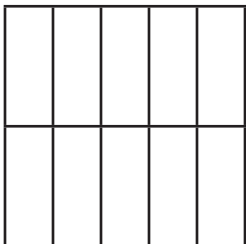
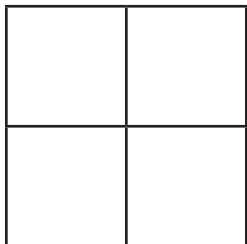
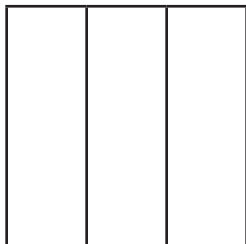
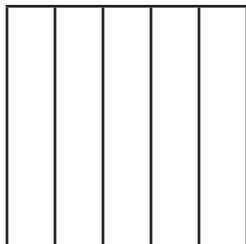
DATE _____

Fraction Review

1 On each square, fill in a fraction of the square that is *less* than $\frac{1}{2}$. Then write a number sentence comparing your fraction to $\frac{1}{2}$.

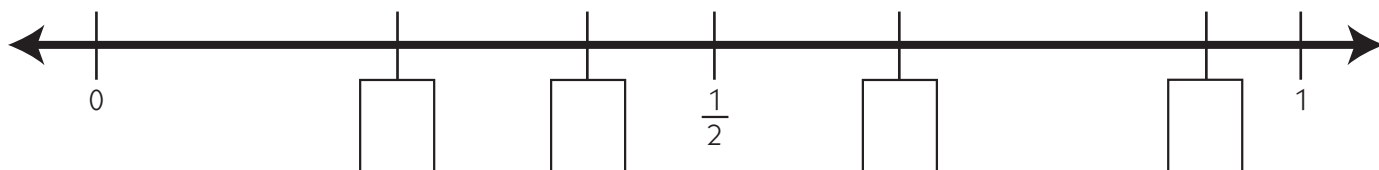
example  $\frac{3}{10} < \frac{1}{2}$	a 	b 	c 
---	---	--	---

2 On each square, fill in a fraction of the square that is *greater* than $\frac{1}{2}$. Then write a number sentence comparing your fraction to $\frac{1}{2}$.

a 	b 	c 	d 
---	---	--	---

3 Write each of the following fractions where they belong on the number line below.

$\frac{9}{10}$	$\frac{1}{4}$	$\frac{2}{5}$	$\frac{2}{3}$
----------------	---------------	---------------	---------------



	Literacy	Math
Week 5	<ul style="list-style-type: none"> <input type="checkbox"/> Polar Bears <input type="checkbox"/> Author's Purpose <input type="checkbox"/> Inferences <input type="checkbox"/> Main Idea <input type="checkbox"/> Context Clues <input type="checkbox"/> Remember to read this week and record in your reading log! <i>(*Reading log can be found at the end of this packet.)</i> 	<p>Measurement</p> <ul style="list-style-type: none"> <input type="checkbox"/> Centimeters & Decimeters <input type="checkbox"/> Inches & Feet <input type="checkbox"/> Perimeter Practice <input type="checkbox"/> Finding the Perimeters of Quadrilaterals <input type="checkbox"/> More Perimeter Practice <input type="checkbox"/> Sandbox & Garden Problems <input type="checkbox"/> Perimeters of Different Shapes <input type="checkbox"/> Garden Patch Problems <input type="checkbox"/> The Third Graders' Garden Plot <input type="checkbox"/> Multiplication, Division & Perimeter Practice <input type="checkbox"/> Feet, Yards & Miles <input type="checkbox"/> The Soccer Field

Polar Bears

Polar bears live along shores and on sea ice in the icy cold Arctic. When sea ice forms over the ocean in cold weather, many polar bears, except pregnant females, head out onto the ice to hunt seals. Polar bears primarily eat seals. Polar bears often rest silently at a seal's breathing hole in the ice, waiting for a seal in the water to surface. A polar bear may also hunt by swimming beneath the ice.

In fall pregnant polar bears make dens in earth and snowbanks, where they'll stay through the winter and give birth to one to three cubs. In spring the mother emerges from her den followed by her cubs. During that time she will protect them and teach them how to hunt.

What is the meaning of the word **emerges**?

Why do polar bears go out onto the ice in the sea?

Author's Purpose

The author's purpose is the author's reason for writing the text. Sometimes authors write to entertain, inform, or persuade. Read the text below and determine the author's purpose.

My School

I love going to school. It is my favorite place to be! My teacher is kind and funny. She starts each day out with a joke. I have many friends in my class. We eat lunch together and tell stories. I usually don't get to finish all of my lunch, because I'm too busy talking and laughing.

My teacher has a new science experiment for us each week. I love science! We play math games every Friday. I usually win, since I know all of my multiplication and division facts.

I feel so lucky to have such a great place to go every day. School is the best!

What is the author's purpose?

How do you know this?

Name _____

Inferences

Read the excerpt below and answer the questions that follow.

As soon as I walked in there I felt like holding my ears. It was so loud. I put my bag on the table, and got in line . After I bought a chocolate milk, I walked back to the table and joined my friends. We ate and talked until the bell rang.

1. Where is the narrator?

2. How do you know this?

Name _____

Main Idea

Read the excerpt below and answer the questions that follow.

Insects are wonderful creatures . If you look closely at how they live you will find many surprises. It is hard to look closely at insects. They are very small. Many of them fly away when you come near. But if you have a chance to watch them you will find how they live. Watching insects is a job that scientists do. They have learned a lot about insects and how they live

1. What is the main idea?

2. List one supporting detail.

Name _____

Context Clues

Read the excerpt below and answer the questions that follow.

Scientists observe birds. They have seen some birds use their bills to get what they need. Some birds use their bills to pierce the wood. They have sharp bills. They can cut a hole in a tree. They drill the hole to get inside the tree where insects inhabit. Once, they get inside of the tree, they eat the insects.

1. What is the meaning of the word, 'pierce'?




2. What is the meaning of the word 'inhabit'?

NAME _____




DATE _____

Centimeters & Decimeters

1 Use a ruler marked in centimeters to measure the length of each strip below. Write your measurement next to each strip.

Strip		Measurement
a		
b		
c		



2 There are 10 centimeters in 1 decimeter. First circle whether you think each strip below is longer or shorter than a decimeter (dm). Then measure it to find out.

Strip		Estimate	Measurement
a		Longer Shorter	
b		Longer Shorter	
c		Longer Shorter	



CHALLENGE

3 Use a ruler marked in centimeters to measure the length of each strip below. Measure to the half centimeter. Write your measurement next to each strip.





Strip		Measurement
a		
b		

NAME _____

DATE _____

Inches & Feet

1 Use a ruler marked in inches to measure each strip. Write the length in the space next to the strip. Label your answers with the correct units (inches, in. or ")

	Strip	Length
a		
b		
c		
d		

2 There are 12 inches in 1 foot. Use this information to answer the questions below.

a How many feet are equal to 24 inches? _____

b How many feet are equal to 36 inches? _____

3 Rodney has a piece of rope that is 144 inches long. Simon has a piece of rope that is 87 inches long. How much longer is Rodney's piece of rope? Show all your work.



CHALLENGE

4 Maria and Katy each have a piece of string. When they put the 2 pieces of string together end-to-end, the total length is 84 inches. Maria's string is 6 inches longer than Katy's. How long is Maria's piece of string? How long is Katy's piece of string? Show all your work. Use another piece of paper if you need to.

NAME _____

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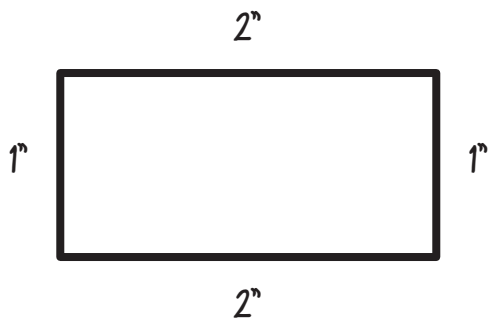
Perimeter Practice

Perimeter is the total length of all sides of a shape. To find the perimeter, add the lengths of all the sides of a shape.

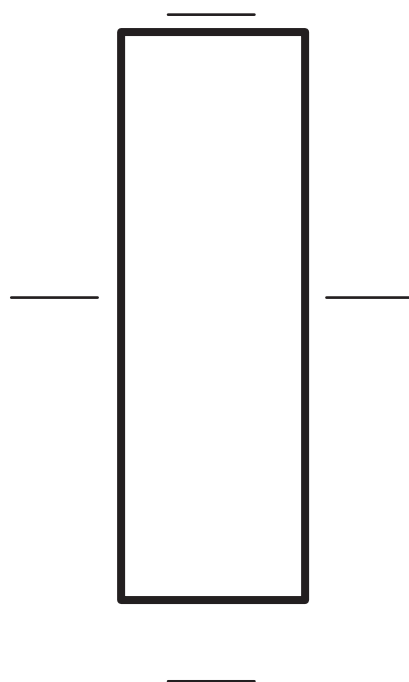
1 Use a ruler marked in inches to measure the sides of the squares and rectangles. Label each side. Then find the perimeter of each shape. Show your work.

example Perimeter = 6"

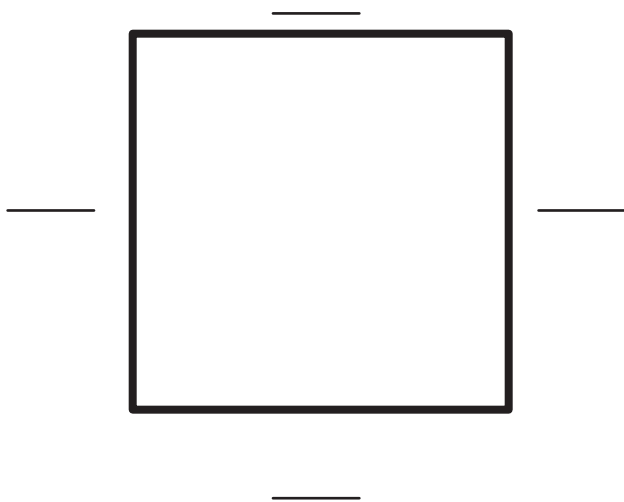
$$\begin{array}{r} 1 \\ 2 \\ 1 \\ + 2 \\ \hline 6 \end{array}$$



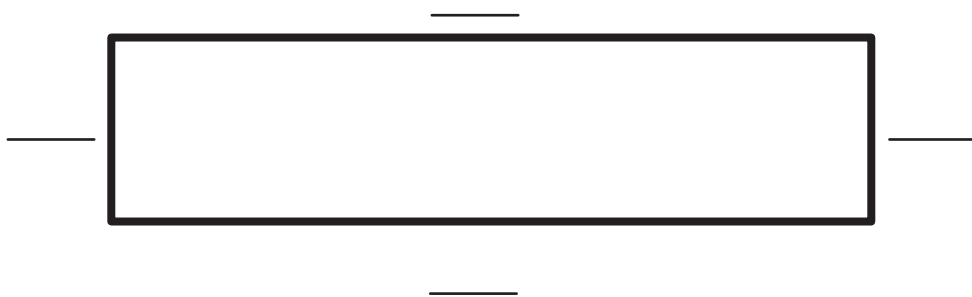
a Perimeter = _____



b Perimeter = _____



c Perimeter = _____



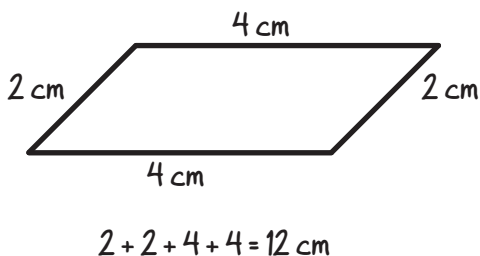
NAME _____

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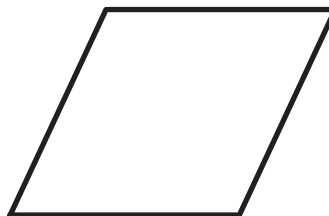
Finding the Perimeters of Quadrilaterals

1 Use a ruler to measure the sides of each quadrilateral in centimeters. Label all the sides of each shape. Then find the perimeter. Show your work.

example Perimeter = 12 cm



a Perimeter = _____



b Perimeter = _____



c Perimeter = _____



2a Which shape above is a rhombus? _____

b Explain how you can tell.

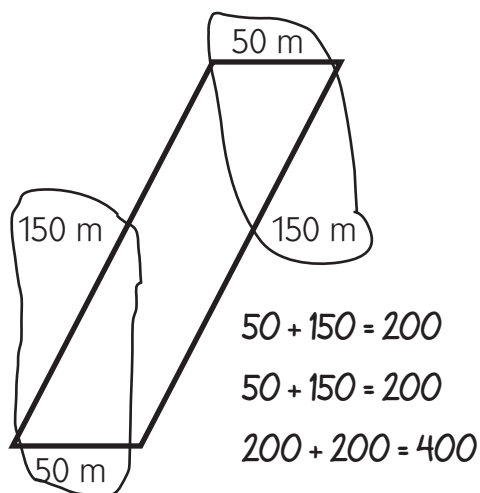
NAME _____

DATE _____

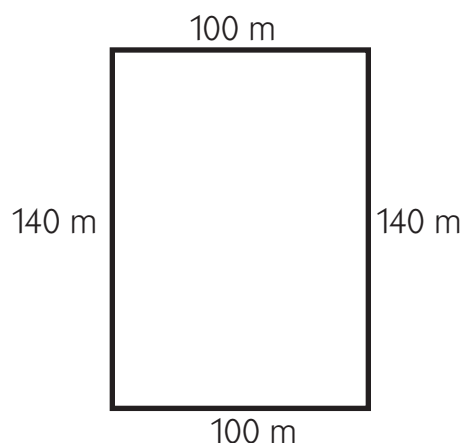
More Perimeter Practice

1 Find the perimeter of each shape below. Think carefully about how it will be easiest for you to add the numbers. Show your work.

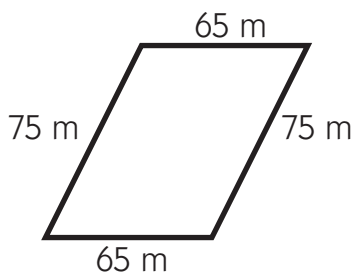
example Perimeter = 400 m



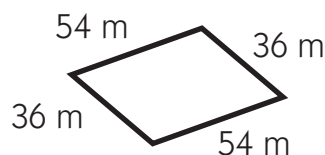
a Perimeter = _____



b Perimeter = _____



c Perimeter = _____



CHALLENGE

2 On another piece of paper, draw and label two different 4-sided shapes that each have a perimeter of exactly 20 centimeters.

NAME _____

DATE _____

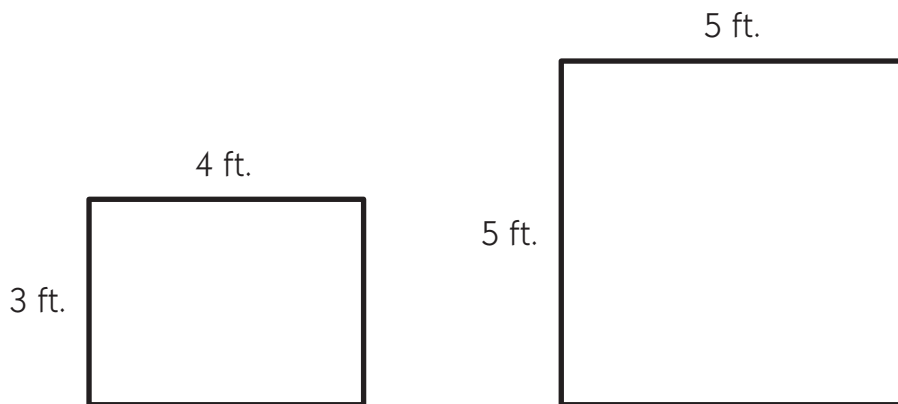
Sandbox & Garden Problems

1a Mrs. Smith made a sandbox for her kindergarten students. It was 60 inches wide and 125 inches long. Make a labeled sketch of the sandbox below.

b What was the perimeter of the sandbox? Use your sketch to help solve the problem.

The perimeter of the sandbox was _____ inches.

2 Mai and her sister Keiko were planting a garden. They made two beds to plant flowers. One was 4 feet by 3 feet. The other was 5 feet by 5 feet. They want to outline the beds with bricks that are each 1 foot long. How many bricks will they need to outline both beds? Show all of your work.



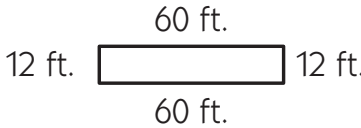
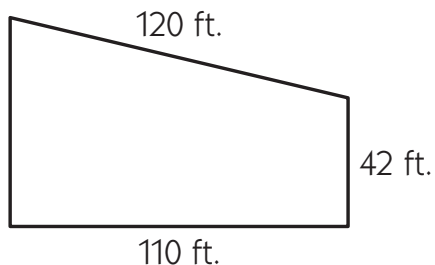
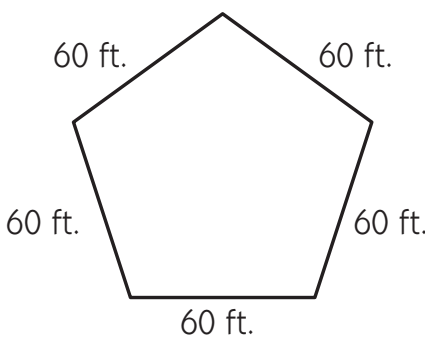
They will need _____ bricks to outline both beds.

NAME _____

DATE _____

Perimeters of Different Shapes

1 Find the perimeter of each shape. Think carefully about how to add the numbers. Some numbers are easier to add together. Show all your work. Circle your answers.

<p>example</p> 	$60 + 60 = 120 \text{ ft.}$ $12 + 12 = 24 \text{ ft.}$ $\begin{array}{r} 120 \text{ ft.} \\ + 24 \text{ ft.} \\ \hline 144 \text{ ft.} \end{array}$
<p>a</p> 	
<p>b</p> 	



CHALLENGE

2 Sketch and label a shape with 5 sides that has a perimeter of 120 feet.

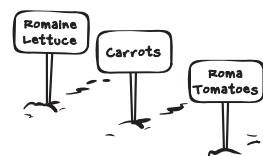
NAME _____

DATE _____

Garden Patch Problems

1 Liam wanted to put a fence around his vegetable garden patch. His brother asked him to put a fence around his garden patch too. Liam's garden patch was 5 feet wide and 10 feet long. His brother's patch was 6 feet wide and 7 feet long. How many feet of fencing will Liam need? Show all your work.

2 Liam bought too much fencing and had 26 feet of it left over. He and his brother decided to make a rectangle-shaped garden patch for their little sister. They wanted to use all the extra fencing to outline her garden patch. What could be the dimensions of the patch they make for their sister? (Use only whole numbers of feet.) Show all your work.



CHALLENGE

3 Draw and label two other ways Liam and his brother could use all 26 feet of fencing for their sister's garden.

NAME _____

DATE _____

The Third Graders' Garden Plot

1 Last year, the third graders at Jackson Elementary had a garden plot that was 12 feet by 33 feet. This year the third graders made the plot bigger by making it 16 feet by 38 feet. How much bigger was the perimeter of the plot this year?

a Choose the strategy you will use to solve this problem.

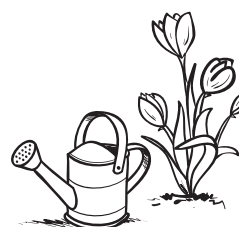
☐ draw a picture

☐ guess and check

☐ make an organized list

b Why does this strategy make the most sense to you?

c Solve the problem with the strategy you picked. Show all your work.



NAME _____

DATE _____

Multiplication, Division & Perimeter Practice

1 Complete the multiplication facts.

$$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 10 \\ \hline \end{array}$$

2 Complete the division facts.

$40 \div 5 = \underline{\hspace{2cm}}$

$12 \div 2 = \underline{\hspace{2cm}}$

$90 \div 10 = \underline{\hspace{2cm}}$

$8 \div 1 = \underline{\hspace{2cm}}$

$25 \div 5 = \underline{\hspace{2cm}}$

$14 \div 2 = \underline{\hspace{2cm}}$

3 Find the perimeter of each rectangle.

a Perimeter = _____

124 ft.

96 ft.



b Perimeter = _____

117 ft.

28 ft.



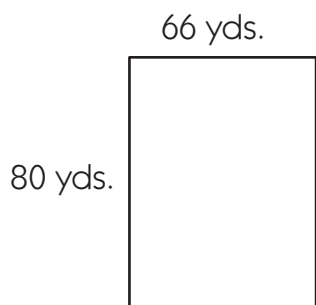
4 What is the difference between the perimeters of rectangles above?

NAME _____

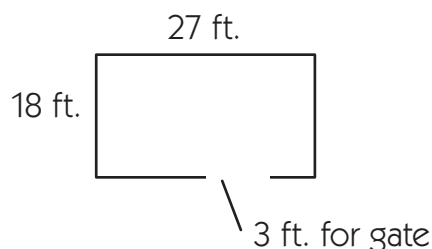
DATE _____

Feet, Yards & Miles

1a When Danny gets wild, his mom tells him to do laps around the block. His block is 66 yards wide and 80 yards long. How many yards are in one lap around Danny's block? Show all your work.

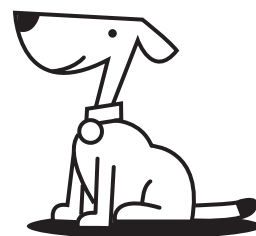


2 Danny and his mom are building a fenced area for their dog in the back-yard. The area measures 18 ft. by 27 ft. The gate they plan to put in is 3 feet wide. How many feet of fencing will they need? Show all your work.



CHALLENGE

b There are 1,760 yards in a mile. How many full laps would Danny have to run around the block to run a mile? Show all your work.



NAME _____

DATE _____

The Soccer Field

1 Jake and his mom run laps around the soccer field in their neighborhood. The field is 100 yards by 60 yards, and they run 4 laps around the field each time. When they went to visit Jake's uncle, they did laps around the kids' soccer field in his neighborhood. The field was 30 yards by 55 yards, and they ran 8 laps around it. Did they run more at Jake's uncle's house or in their own neighborhood? Exactly how much more? Show all your work.



CHALLENGE

2 A rectangle has a perimeter of 36 feet. It is twice as long as it is wide. What are the dimensions of the rectangle? Show all your work.

	Literacy	Math
Week 6	<ul style="list-style-type: none"> <input type="checkbox"/> Giraffes <input type="checkbox"/> Author's Purpose <input type="checkbox"/> Inferences <input type="checkbox"/> Main Idea <input type="checkbox"/> Context Clues <input type="checkbox"/> Remember to read this week and record in your reading log! <i>(*Reading log can be found at the end of this packet.)</i> 	<p style="text-align: center;">Time</p> <ul style="list-style-type: none"> <input type="checkbox"/> Telling Time to the Hour, Half Hour, & Quarter Hour <input type="checkbox"/> Telling Time on Analog & Digital Clocks <input type="checkbox"/> Alexis Walks Home from School <input type="checkbox"/> Telling Time to the Minute <input type="checkbox"/> Seconds & Minutes <input type="checkbox"/> Time in the Garden <input type="checkbox"/> Curtains & Movies

Giraffes

Giraffes grow about 4 feet in their first year of life. A newborn giraffe is about 6 feet tall at birth and weighs about 150 pounds.

Many young giraffes, called calves, die from lion attacks during their first year of life. Once a giraffe reaches adulthood its height is often enough to protect it from lions. Adult giraffes, however, must still be careful of lions when they are bending down to drink water or rest. Usually giraffes will drink or rest in shifts so that at least one giraffe is always on the lookout for approaching predators. The giraffes' height and excellent vision give them a wide view of the grasslands where they live, making it easy to spot predators from a distance.

How do giraffes work together to protect themselves from predators?

What body part of the giraffe helps protect it from predators?

Name _____

Author's Purpose

Read the excerpt below and answer the question that follows.

The game of checkers is played with two players. There is a board with 32 dark and 32 light squares. Each player gets twelve game pieces. Players take turns moving diagonally on the dark squares. A player can capture an opponent's piece by jumping over that piece. When the piece is captured, it is removed from the board. A player wins when the opponent cannot make a move or has lost all his pieces.

1. What is the author's purpose for writing this passage?

Name _____

Inferences

Read the excerpt below and answer the questions that follow.

James studied for twenty minutes every night for a week straight. He made flashCards and had his mom quiz him each morning, during breakfast. James was very prepared for the test on Friday.

1. What character trait would you use to describe James?

Why did you choose this trait?

Name _____

Main Idea

Read the excerpt below and answer the questions that follow.

The Pilgrims lived off of the land. They depended on it for survival. Everything that they ate, they hunted or grew. The fall was the time of year that pilgrims harvested all of their crops. The first harvest was very important to the Pilgrims. It gave them enough food to store for the long, cold winter so that they would not have to leave America.

1. What is the main idea?

2. List one supporting detail.

Name _____

Context Clues

Read the excerpt below and answer the questions that follow.

There are many ways you can save energy. One thing that you can do is check your windows. If your windowpanes are loose, there are leaks. The heat can leak out of your home. Seal windows and doorframes so there is no chance of a leak. With every leak, your family loses money. Your family can save money by sealing along doorframes, too. If you have a window air conditioner, be sure to seal around it, too. This will help your family save money by keeping the heat inside in winter and outside in summer.

1. What is the meaning of the word, 'seal' in this passage?

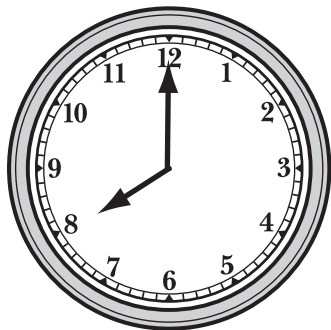
2. What should you do if your windowpanes are loose?

NAME _____

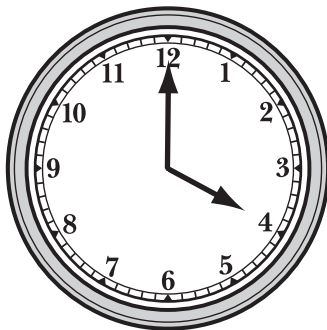
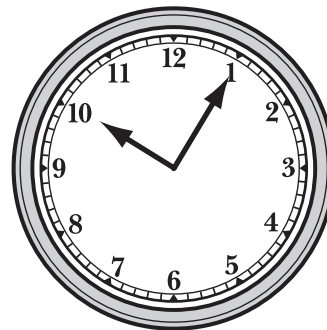
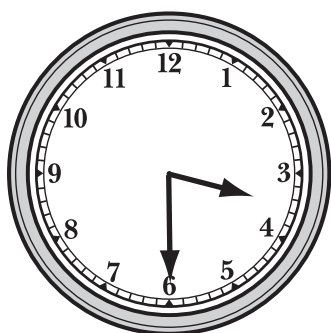
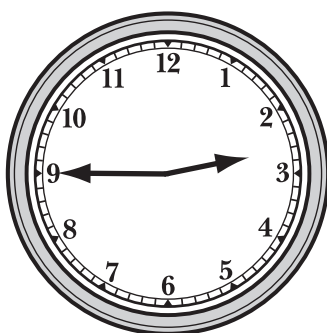
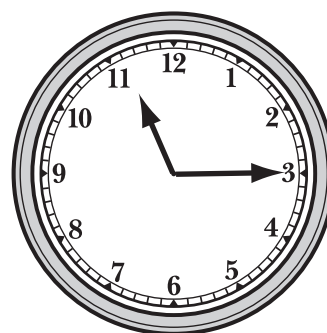
DATE _____

Telling Time to the Hour, Half Hour & Quarter Hour

1 What time does each clock show?

example

8:00

a**b****c****d****e****CHALLENGE**

2 Which clock above shows “quarter past eleven”?

3 Which clock above shows “quarter till three”?

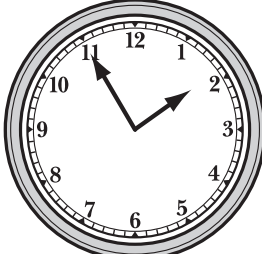
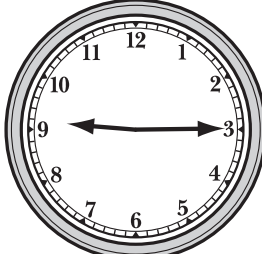
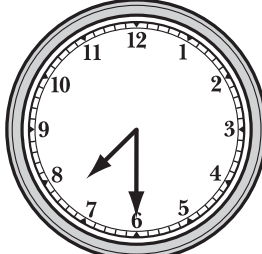
4 Which clock above shows “half past three”?

NAME _____

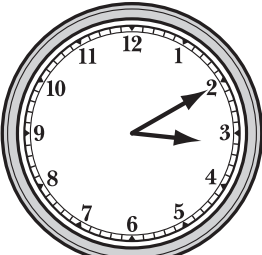
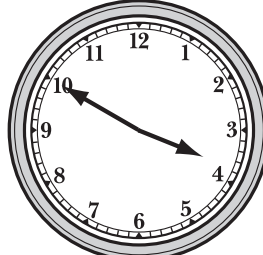
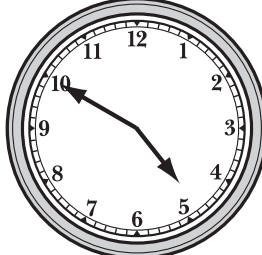
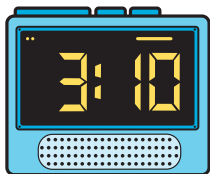


DATE _____

Telling Time on Analog & Digital Clocks

1 Fill in the bubble that shows the time on the clock.

<p>a</p> <p><input type="radio"/> 1:55</p> <p><input type="radio"/> 2:11</p> <p><input type="radio"/> 2:55</p> <p><input type="radio"/> 11:10</p> 	<p>b</p> <p><input type="radio"/> 3:45</p> <p><input type="radio"/> 9:03</p> <p><input type="radio"/> 9:15</p> <p><input type="radio"/> 10:15</p> 	<p>c</p> <p><input type="radio"/> 6:35</p> <p><input type="radio"/> 6:40</p> <p><input type="radio"/> 7:30</p> <p><input type="radio"/> 8:30</p> 
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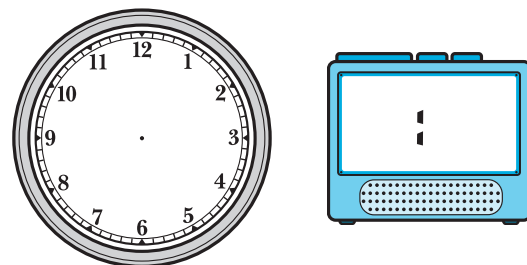
2 Draw lines to show match the clocks that show the same time.

<p>a</p> 	<p>b</p> 	<p>c</p> 
		



CHALLENGE

3 Sam leaves school at 3:15. It takes Sam 2 minutes to walk 1 block and he lives 13 blocks away from school. Draw hands on the clock face and write the time on the digital clock to show when he gets home from school if he doesn't stop along the way. Show all of your work.



NAME _____

DATE _____

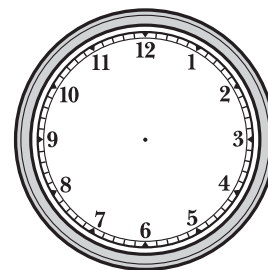
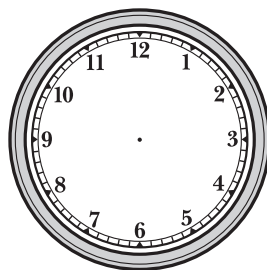
Alexis Walks Home from School

Alexis started walking home from school at 3:15. She got home 20 minutes later. What time did she get home?

1 What is this problem asking you to figure out?

2 Underline any information in the problem that will help you find the answer.

3a Use this space to solve the problem. Show all your work using numbers, words, and/or labeled sketches. You can use the clocks to help. Write the answer on the line below when you're finished.

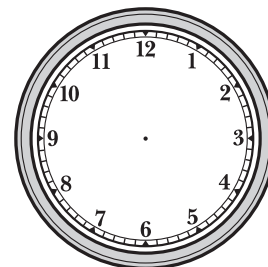


b Answer _____



CHALLENGE

4 Social studies started 55 minutes before Alexis started walking home from school at 3:15. What time did social studies start?



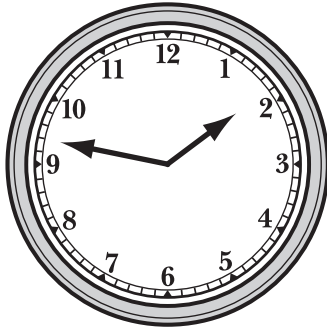
NAME _____

DATE _____

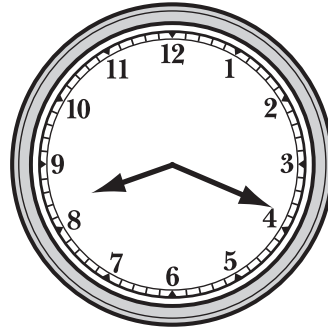
Telling Time to the Minute

1 Fill in the circle next to the time shown on each clock.

a ☐ 1:45 ☐ 1:47 ☐ 2:47 ☐ 9:09

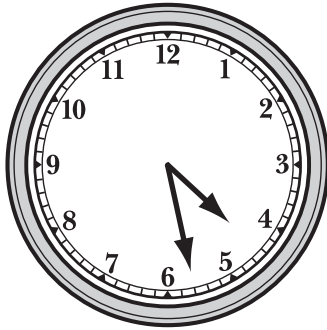


b ☐ 3:40 ☐ 8:04 ☐ 8:19 ☐ 8:20

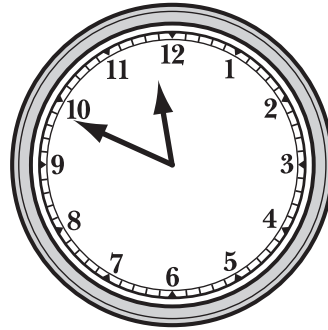


2 Write the time shown on each clock.

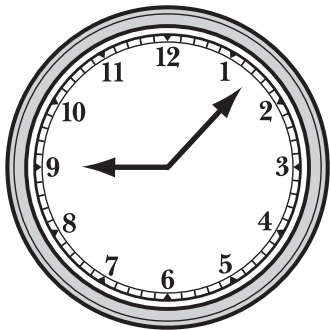
a _____ : _____



b _____ : _____



3 Circle the digital clock that shows the same time as this analog clock.




NAME _____ DATE _____

Seconds & Minutes

1 Fill in the missing numbers in the count-by-6 pattern. Use the number line to help.



6, 12, _____, 30, _____, 42, _____, 54, _____

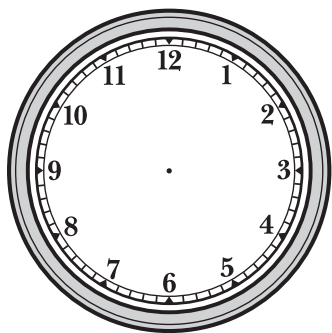
	<p>2a How many seconds are in 1 minute? _____</p> <p>b How many seconds are in 2 minutes? _____ Show your work.</p> <p>c How many seconds are in 5 minutes? _____ Show your work.</p> <p> d How many seconds are in 9 minutes? _____ Show your work.</p>
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NAME _____

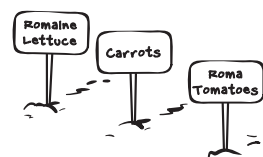
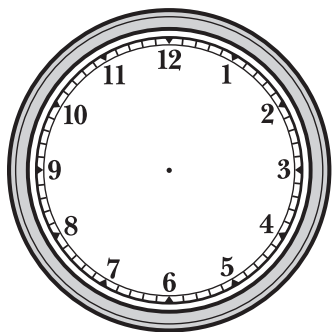
DATE _____

Time in the Garden

1 Sara is helping her neighbor plant lettuce in her garden. It takes Sara two minutes to plant one lettuce plant. How many minutes would it take her to plant fifteen lettuce plants? Show all your work. You can use the clock to help if you want to.



2 Sara's neighbor says she will pay her \$10 per hour to help in the garden. If she asks Sara to plant 36 tomato plants and it takes Sara 5 minutes to plant each one, how much money will Sara earn? Show all your work. You can use the clock to help if you want to.

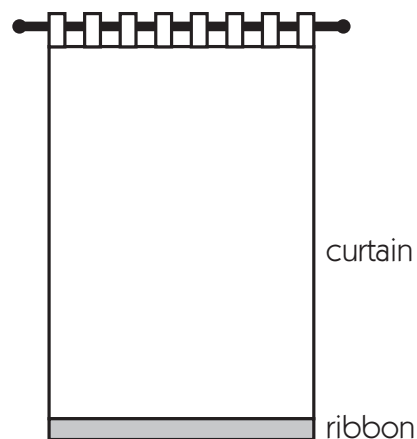


NAME _____

DATE _____

Curtains & Movies

1 Maddie is making 6 curtains for her room. She wants to put a strip of ribbon at the bottom of each curtain. She needs 36 inches of ribbon for each one. The ribbon she wants to use costs 60¢ per foot. How much will it cost her to buy enough ribbon for all 6 curtains? Show all your work. Remember that there are 12 inches in 1 foot.



2 Ralph's mom said he and his brother could go to a movie while she went shopping. She dropped them off at the theater at 1:45 and said she would be back at 4:00 to get them. They had three choices of movies. Which movie could they see and be done by the time their mom came to get them? Show all your work.

Movie	Start Time	Length (Including Previews)
Beetle Goes to Town	1:55	130 minutes
Arctic Adventure	2:00	125 minutes
Rainy Day Dog	2:15	100 minutes

SAINT JOHN PAUL II CATHOLIC ACADEMY
SUMMER READING PROGRAM
GRADES 3 - 4
2020-2021 School Year

Our goal in developing the Summer Reading Program for students of the Saint John Paul II Catholic Academy is to prevent summer reading loss and to nurture the love of reading for reading's sake. Students who develop the habit of reading not only learn to be better readers but also achieve greater success in school. Summer reading is required of all of our students. The choice of what to read is up to parents and students. Librarians at your local library are always on hand to suggest book titles based on genres and student interests.

Students entering Grades 3 and 4 are required to read a *minimum* of 3 books. The attached reading log must be completed, signed by a parent, and returned to school with the rest of the packet in the fall. Students must present one book to highlight by completing ONE of the assignments suggested on the attached sheet.

HAPPY READING!

Students: Please pick one selection from your summer reading and complete ONE of the following assignments... your choice!:

1. *Dear Author*

Write a letter to the author telling him/her about your reaction to the story. Tell the author what you thought of the book. You should include text selections from your favorite and/or least favorite parts.

OR

2. *What a Character!*

Draw a portrait of a character from the book you read. Would you choose this character as a friend? Why or why not? Explain how this character is similar and different from you.

OR

3. *Read This Book!*

Present a 2-minute "commercial" for your book to your class orally. Tell your classmates a little about your book and why they should read it. The commercial must convince your classmates that they would love this book. Sell it!!!

OR

4. *Standard Book Report*

Complete the attached book report form.

SUMMER READING BOOK REPORT
(Use back of form if necessary)

Student Name: _____

Grade: _____

Title of Book: _____

Author: _____

Genre: _____

Setting (time, place, and atmosphere): _____

Characters: (write a brief description of each): _____

Plot (sequence of the major events): _____

Conflict (problem(s) in the story OR Theme (major lessons of the book): _____

SUMMER READING LOG

STUDENT NAME: _____ GRADE: _____
Please list below the books that you have read by title and author. The first three are the required books.

<u>TITLE</u>	<u>AUTHOR</u>
1. _____	_____
2. _____	_____
3. _____	_____

ADDITIONAL TITLES READ:

4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

Please return this log to your Reading teacher by **Friday, September 13, 2019.**

Parent Signature: _____

Student Signature: _____

DATE: _____

Suggested Reading List Students Entering grade 3&4

Tia Lola (series).....Alvarez
Humphrey (series).....Birney
Hate the Cat (series).....Crech
The Lemonade Wars (series).....Davies
Salsa Stories.....Delacre
The Magician's Elephant.....DiCamillo
George.....Gino
Inside Out & Back Again.....Lai
Dumpling Days.....Lin
Ruby Lu (series).....Look
Becoming Naomi Leon.....Ryan
Hurricane Child.....Callender, Kheryn
Catching a Storyfish.....Harrington

Folktales, Fairy Tales, & Legends

The Jumbies.....
Baptiste
Tales Our Abuelitas Told: A Hispanic Folk Tale Collection.....Campoy and Ada Glass
Slipper, Gold Sandal: A Worldwide Cinderella.....
Fleishman The Magical Monkey King: Mischief in Heaven.....Jiang
Nelson Mandela's Favorite African Folktales.....Mandela
Series, Meanies, and Magic Rings: Three Tales from the Arabian Nights.....Mitchell

More Bones: Scary Stories from Around the World.....Olson
Science Fiction & Fantasy
Secrets of Droon (Series).....Abbott
Where the Mountain Meets the Moon.....Lin

City Trilogy.....Yep
The Land of Stories (series).....Colfer
Notebook of Doom (series).....Cummings, Troy
The Warriors (series).....Hunter, Erin
The Hamster Princess (series).....Vernon,
Ursula Spiderwick Chronicles (series).....Black & DiTerlizzi
How to Train Your Dragon (series).....Cowell
The True Meaning of Smekday.....Rex
Robyn Hoodlum (series).....Magoon

Biography & Autobiography

Firebird: Ballerina Misty Copeland Shows A Young Girl How to Dance Like the Firebird.....Copeland
Barnum's Bones: How Barnum Brown Discovered the Most Famous Dinosaur in the World.....Fern
When the Beat Was Born: DJ Kool Herc and the Creation of Hip Hop.....Hill
Temple Grandin: How the Girl who Loved Cows Embraced Autism and Changed the World.....Montgomery

Josephine: The Dazzling Life of Josephine Baker.....Powell
Drawing From Memory.....Say Balloons Over Broadway: The True Story of the Puppeteer of Macy's Parade.....Sweet
Growing Up Pedro.....Tavares
Sonia Sotomayor: A Judge Grows in the Bronx.....Winter
Farmer Will Allen and the Growing Table.....Jaqueline Briggs Martin
Who Was / Who Is (series).....Various
Esquivel: Space-Age Sound Artist.....Wood

Historical Fiction

Sadako and the Thousand Paper Cranes.....Coerr
The Mighty Miss Malone.....Curtis
Number the Stars.....Lowry
Riding Freedom.....Ryan

One Crazy Summer.....Williams-Garcia
Breaking Stalin's Nose.....Yeichin
Sarah, Plain and Tall (series).....MacLachlan, Patricia
Pax.....Pennypacker
Ahimsa.....Kelkar
Talking Leaves.....Bruchac

Informational Books

We are the Ship: The Story of Negro League Baseball.....Nelson
Volcano Rising.....Rusch 28
Days: Moments in Black History that Changed the World.....Smith
Separate is Never Equal: Sylvia Mendez & Her Family's Fight For Integration.....Tonatiah
What Was / What Is (series).....various
Nathan Hale's Hazardous Tales (series).....Hale
A Child's Introduction to African American History.....Jabari Asim
Neighborhood Sharks: Hunting With the Great Whites of California's Farallon Islands.....Roy K

Poetry Books

Animal Poems of the Iguazú/Animalario del Iguazú.....Alarcón
Let's Play! Poems about Sports and Games From Around the World.....Chatterjee & D'Arcy
Hip Hop Speaks to Children: A Celebration of Poetry with a Beat.....Giovanni
The Great Migration: Journey to the North.....Greenfield
Poems In The Attic.....Grimes
Love to Langston.....Medina
Flutter & Hum: Animal Poems/Aleteo y Zumbido: Poemas de Animales.....Paschkis
Bravo: Poems about Amazing Hispanics.....Engle

Possible Topics for Your Letters

Share your thinking about:

- Something that surprised you or that you found interesting
- What you like or dislike about the book and *why*
- An interesting or important character
- Parts of the book that puzzled you or made you ask questions
- What the story means to you
- Your thoughts and feelings about the author's message
- What you noticed about the characters, such as what made them act as they did or how they changed
- Why you think the author chose the title
- Your predictions and whether they were right
- How the information in the book fits with what you already know
- How the book reminds you of yourself, or people you know or of something that happened in your life
- How the book is like other books by the same author, on the same topic, or in the same genre
- How the book reminds you of other books, especially the characters, events, or setting
- The ending and your feelings about it—DON'T GIVE IT AWAY!
- The language the author used and what you thought about it
- The author's craft—what was good about the author's writing
- Why you chose the book
- Why you think the author wrote the book
- Whether or not you would recommend the book to another reader and *why*

- What you would change about the book
- Examples of stereotypes or biases
- Whether the book is easy, just right, or challenging for you and how you know
- The genre and its characteristics
- The author's use of time in the story
- How the setting affects the characters
- How the author captured your interest or pulled you into the book
- How the author builds suspense
- What you want to remember about this book
- New insights or understandings you have