

## THIRD GRADE SUMMER READING PACKET

- Purchase a paperback copy of Mercy Watson to the Rescue, by Kate DiCamillo at Amazon (5.99 Prime) or Barnes and Noble (5.99)
- Read the entire book
- Design a game based on Mercy Watson to the Rescue.
  - It can be a board game, card game, guessing game, or other idea.
  - Do NOT use a game already created.
  - Use any materials common to games.
  - Student created please.
  - Write step-by-step directions and rules that are easy to follow.
  - The game should include 15 or more questions created from Mercy Watson to the Rescue.
  - Be sure to create a way to win the game! 😊
  - Bring your game to Meet the Teacher OR the first day of Third Grade.
  - We will try out our new games during Reading.
- IMPROVE READING SKILLS: Check out Reading Buddy Software at [readingbuddy.com](http://readingbuddy.com)

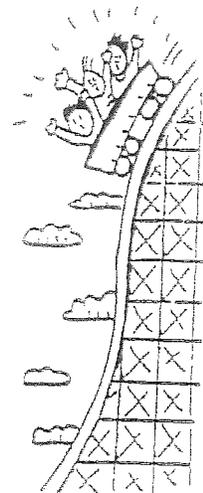
Name \_\_\_\_\_

Date \_\_\_\_\_

## How Amazing!

**R**ead the amazing facts below. Then follow the directions to round each number.

1. The anaconda is one of the world's largest snakes. Adult male anacondas at least 26 feet long have been seen. Round that number to the nearest ten. \_\_\_\_\_
2. The highest mountain in the United States is Mount McKinley. It is 20,320 feet high. Round that number to the nearest hundred. \_\_\_\_\_
3. One of the longest wooden roller coasters in the United States is in Ohio. It is called "Mean Streak" and is 5,427 feet long. Round that number to the nearest thousand. \_\_\_\_\_
4. A new stadium for the New York Yankees was finished in 2009. It has 50,086 seats. Round that number to the nearest hundred. \_\_\_\_\_



## RULES FOR ROUNDING

Look at the number to the right of the number in the place you are rounding to.

- \* If it is 4 or less, the number in the place you are rounding to remains the same.
  - \* If it is 5 or more, the number in the place you are rounding to increases by 1.
- All of the numbers to the right of the place you are rounding to become 0.

## • EXAMPLES •

523 rounded to the nearest ten is 520.

1,482 rounded to the nearest hundred is 1,500.

## Identifying Place (A)

In what place is each underlined digit?

6,349

3,594

2,499

3,621

4,545

6,924

7,536

2,654

4,277

2,741

7,943

9,511

9,357

8,010

1,955

6,678

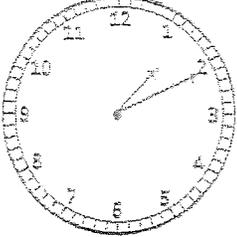
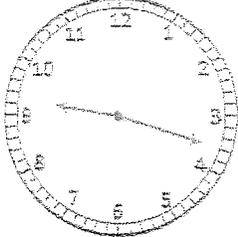
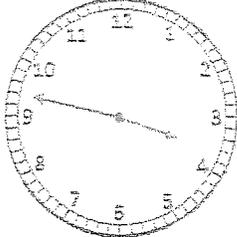
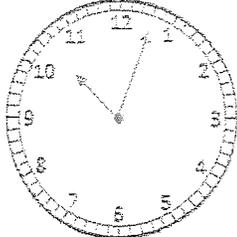
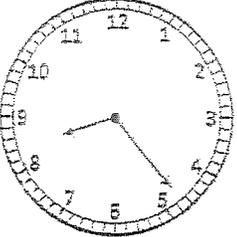
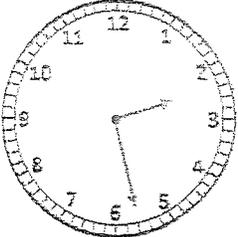
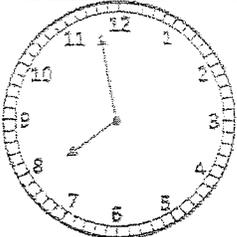
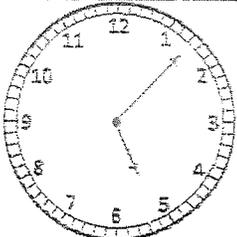
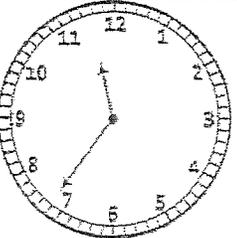
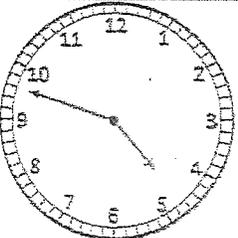
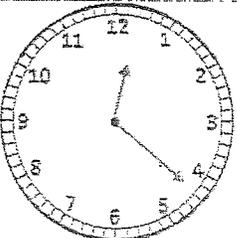
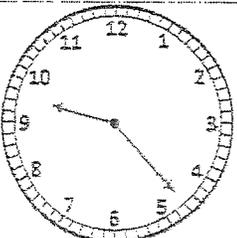
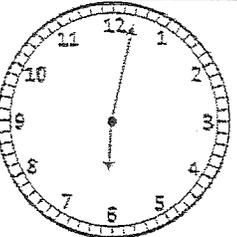
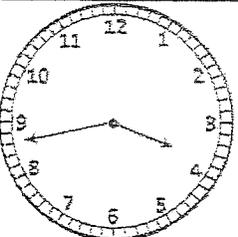
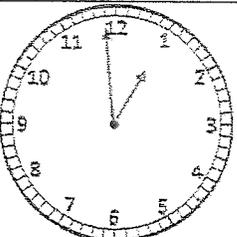
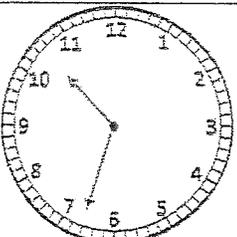
Name \_\_\_\_\_

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## TELLING THE TIME TO 1 MINUTE SHEET 2

Write the correct time underneath each clock.

 1:11			
			
			
			



Free Math Sheets, Math Games and Math Help

[MATH-SALAMANDERS.COM](http://MATH-SALAMANDERS.COM)



# Fact Families (A)

Fill in the blanks to complete each fact family

4	2	6		
4	+	2	=	<u>6</u>
<u>2</u>	+	4	=	6
6	-	<u>4</u>	=	2
6	-	<u>2</u>	=	4

3	1	4		
___	+	1	=	4
1	+	___	=	4
___	-	3	=	1
___	-	1	=	3

4	1	5		
4	+	___	=	5
1	+	___	=	5
___	-	4	=	1
___	-	1	=	4

4	5	9		
4	+	5	=	___
___	+	4	=	9
___	-	4	=	5
9	-	5	=	___

2	5	7		
___	+	5	=	7
___	+	2	=	7
7	-	2	=	___
___	-	5	=	2

5	3	8		
5	+	3	=	___
3	+	___	=	8
8	-	5	=	___
8	-	3	=	___

2	1	3		
2	+	1	=	___
___	+	2	=	3
3	-	___	=	1
3	-	___	=	2

3	2	5		
3	+	___	=	5
2	+	___	=	5
___	-	3	=	2
5	-	___	=	3

1	1	2		
___	+	1	=	2
1	+	___	=	2
2	-	1	=	___
2	-	1	=	___

3	3	6		
3	+	3	=	___
3	+	___	=	6
6	-	3	=	___
___	-	3	=	3

2	2	4		
2	+	2	=	___
2	+	___	=	4
4	-	2	=	___
4	-	2	=	___

1	5	6		
1	+	5	=	___
5	+	___	=	6
___	-	1	=	5
6	-	___	=	1

# Subtracting 3-Digit Numbers (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each difference.

$$\begin{array}{r} 371 \\ - 356 \\ \hline \end{array}$$

$$\begin{array}{r} 969 \\ - 893 \\ \hline \end{array}$$

$$\begin{array}{r} 757 \\ - 201 \\ \hline \end{array}$$

$$\begin{array}{r} 538 \\ - 129 \\ \hline \end{array}$$

$$\begin{array}{r} 499 \\ - 163 \\ \hline \end{array}$$

$$\begin{array}{r} 767 \\ - 587 \\ \hline \end{array}$$

$$\begin{array}{r} 958 \\ - 176 \\ \hline \end{array}$$

$$\begin{array}{r} 777 \\ - 199 \\ \hline \end{array}$$

$$\begin{array}{r} 835 \\ - 613 \\ \hline \end{array}$$

$$\begin{array}{r} 502 \\ - 197 \\ \hline \end{array}$$

$$\begin{array}{r} 868 \\ - 219 \\ \hline \end{array}$$

$$\begin{array}{r} 657 \\ - 629 \\ \hline \end{array}$$

$$\begin{array}{r} 790 \\ - 784 \\ \hline \end{array}$$

$$\begin{array}{r} 452 \\ - 245 \\ \hline \end{array}$$

$$\begin{array}{r} 968 \\ - 190 \\ \hline \end{array}$$

$$\begin{array}{r} 661 \\ - 186 \\ \hline \end{array}$$

$$\begin{array}{r} 779 \\ - 771 \\ \hline \end{array}$$

$$\begin{array}{r} 431 \\ - 396 \\ \hline \end{array}$$

$$\begin{array}{r} 444 \\ - 132 \\ \hline \end{array}$$

$$\begin{array}{r} 567 \\ - 255 \\ \hline \end{array}$$

$$\begin{array}{r} 654 \\ - 207 \\ \hline \end{array}$$

$$\begin{array}{r} 475 \\ - 384 \\ \hline \end{array}$$

$$\begin{array}{r} 858 \\ - 451 \\ \hline \end{array}$$

$$\begin{array}{r} 858 \\ - 781 \\ \hline \end{array}$$

$$\begin{array}{r} 955 \\ - 615 \\ \hline \end{array}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

### Any Old Place Won't Do

**D**raw a line from a place value in the left column to a number in the right column that has a digit with that place value.

#### Hint

The place value of a digit in a number is determined by where it is in the number.

- |                            |            |
|----------------------------|------------|
| 1. four tens               | a. 11,708  |
| 2. eight ten thousands     | b. 748,910 |
| 3. nine hundreds           | c. 30,246  |
| 4. five ones               | d. 14,861  |
| 5. eight hundred thousands | e. 426,379 |
| 6. six tens                | f. 81,392  |
| 7. seven thousands         | g. 917,573 |
| 8. zero ten thousands      | h. 2,685   |
| 9. seven hundreds          | i. 908,839 |
| 10. four hundred thousands | j. 869,554 |

**Bonus!** What is the largest number in the right column? \_\_\_\_\_

### PLACE VALUE

Here are the place values for the number 659,432.

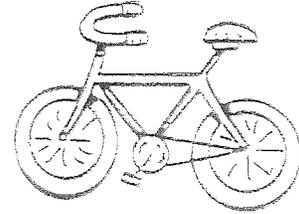
hundred thousands	ten thousands	thousands	hundreds	tens	ones
6	5	9	4	3	2

Name \_\_\_\_\_

Date \_\_\_\_\_

## More Than Enough

**T**hese story problems have more information than is needed to solve them. Cross out the information that isn't needed and then solve the problem.



1. Kevin is growing tomatoes in his garden. He has 5 rows of plants with 4 plants in each row. Yesterday, he picked 9 tomatoes. Today he picked 3 tomatoes. How many tomato plants does Kevin have?  
\_\_\_\_\_
2. Carmela has won 12 medals for back dives and 6 medals for dives off the high board. She practices diving for 2 hours each day and always practices 5 days a week. How many medals for diving has Carmela won?  
\_\_\_\_\_
3. Shoji lives 5 miles from his school. He lives 2 miles from the park. If he rides his bike from his home to the park and then back to his home, how many miles in all will he ride? \_\_\_\_\_
4. Shay brought in a tray with 12 brownies on it. Each brownie had 4 walnuts in it. Shay's 4 friends each ate 2 brownies. If Shay also ate 2 brownies, how many brownies were left on the tray? \_\_\_\_\_
5. At Sid's Cycle Shop it costs \$8 an hour to rent a bike. On Sunday, the shop rented 70 bikes and made about \$3,000 for the day. How much does it cost to rent a bike for 4 hours? \_\_\_\_\_

Addition and Subtraction Problem Solving 1

1. Andy had 371 pieces of candy. He gave Mary-Payton 146 pieces of candy. How many pieces of candy does Harper have left?

2. Maddie had 482 pencils in her pencil box. Rafe has 95 pencils in his pencil box. How many more pencils does Maddie have than Rafe?

3. Cooper had 725 baseball cards. He gave many cards to his friends and he only has 138 cards left NOW. How many baseball cards did Cooper give away?

4. London has 173 dog toys. She puts 106 dog toys in a basket. How many toys did she NOT put in the basket?

5. Piper's family had 226 cows. They bought 393 cows. How many cows does the Rowan family have now?

6. Sarah had 274 bracelets. She received 483 bracelets for her birthday. How many bracelets does Sarah have now?

7. Cooper had 325 X-Box games. He gave 179 games to William. How many X-Box games does Cooper have now?

8. Lilly collected 89 shells. Kolton gave Lilly 286 shells. John Clay gave Lilly 562 shells. How many shells does Lilly have now?

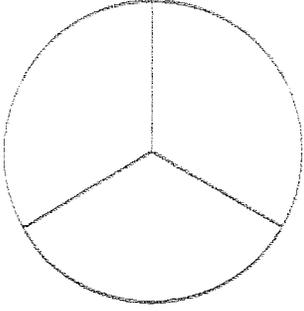
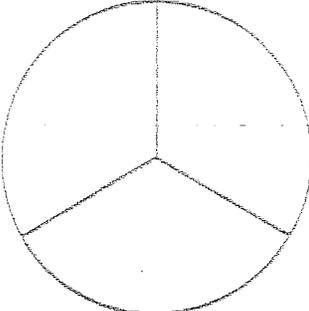
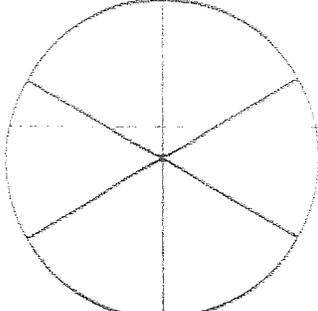
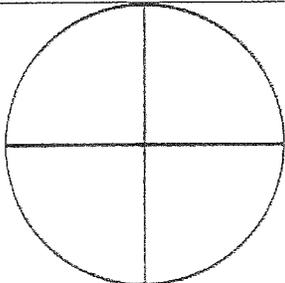
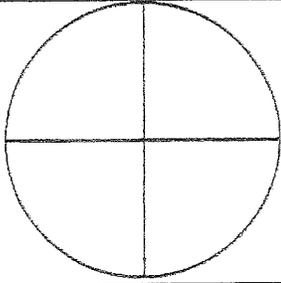
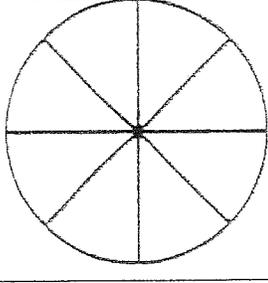
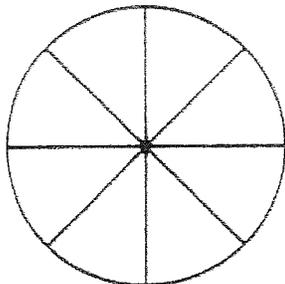
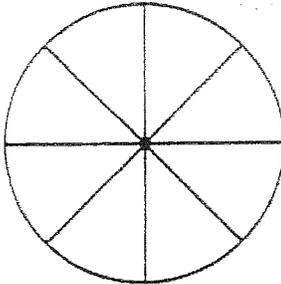
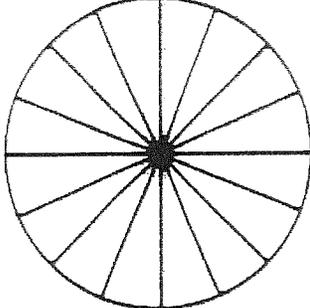
9. Harris made 641 drawings. He sold 294 drawings. How many drawings does Harris have left?

10. Mrs. Batis caught 59 fish last year. She caught 328 fish this year. How many more fish did Mrs. Batis catch this year?

# Identify fractions

## Grade 2 Fractions Worksheet

Color the shapes according to the fractions below each shape.

		
$\frac{1}{3}$	$\frac{2}{3}$	$\frac{2}{3}$
		
$\frac{3}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
		
$\frac{1}{8}$	$\frac{3}{8}$	$\frac{5}{8}$

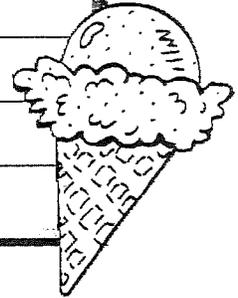
Name \_\_\_\_\_

Date \_\_\_\_\_

## Who Wants Chocolate?

Super Scoops wants to know how popular each of its ice cream flavors is. Can you help them figure it out? Here is what they sold one day:

ICE CREAM FLAVOR	NUMBER OF PINTS SOLD
Raspberry Ripple	10
Caramel Crunch	20
Mint Chip	10
Vanilla	8
Nutty Double Fudge	40
Strawberry Swirl	12

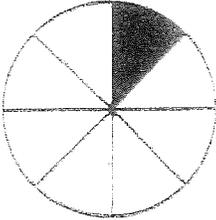
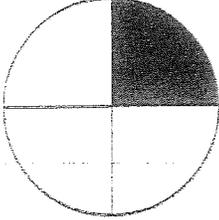
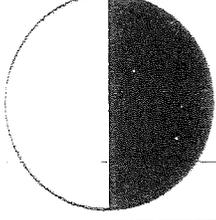
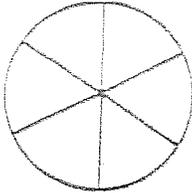
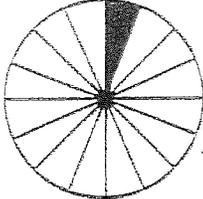
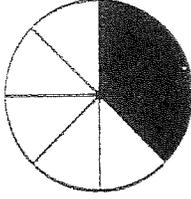
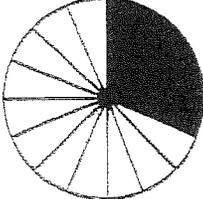
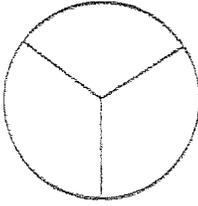
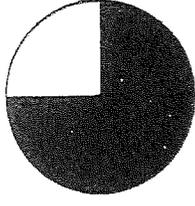
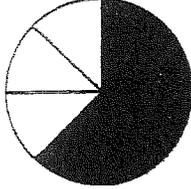
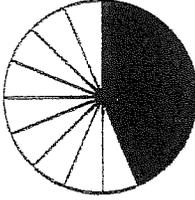
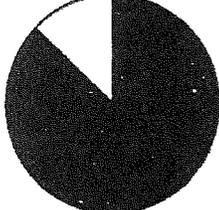


1. What was their most popular flavor? \_\_\_\_\_
2. What was their least popular flavor? \_\_\_\_\_
3. How many pints of Caramel Crunch did they sell? \_\_\_\_\_
4. What two flavors sold the same number of pints?  
\_\_\_\_\_ and \_\_\_\_\_
5. How many pints of Raspberry Ripple and Strawberry Swirl did they sell in total? \_\_\_\_\_
6. How many more pints of Strawberry Swirl than Mint Chip did they sell? \_\_\_\_\_
7. How many pints in all did they sell? \_\_\_\_\_
8. What flavor would you buy? \_\_\_\_\_

# Identify fractions

## Grade 2 Fractions Worksheet

What fraction of the shape is shaded? Circle the correct answer.

		
$\frac{1}{6}$ $\frac{8}{1}$ $\frac{1}{8}$	$\frac{4}{1}$ $\frac{1}{8}$ $\frac{1}{4}$	$\frac{1}{2}$ $\frac{1}{6}$ $\frac{1}{4}$
		
$\frac{1}{6}$ $\frac{6}{1}$ $\frac{1}{4}$	$\frac{1}{16}$ $\frac{1}{8}$ $\frac{16}{1}$	$\frac{3}{6}$ $\frac{3}{8}$ $\frac{3}{4}$
		
$\frac{5}{16}$ $\frac{16}{5}$ $\frac{5}{8}$	$\frac{3}{2}$ $\frac{2}{3}$ $\frac{2}{4}$	$\frac{3}{2}$ $\frac{3}{4}$ $\frac{4}{3}$
		
$\frac{5}{16}$ $\frac{8}{5}$ $\frac{5}{8}$	$\frac{7}{8}$ $\frac{7}{16}$ $\frac{16}{7}$	$\frac{8}{7}$ $\frac{7}{16}$ $\frac{7}{8}$



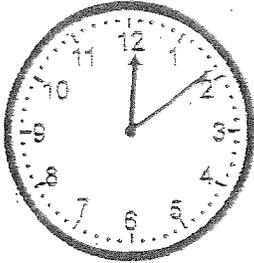


# Telling time - 1 minute intervals

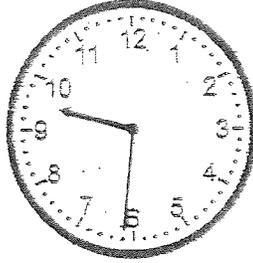
Grade 3 Time Worksheet

Write the time below each clock.

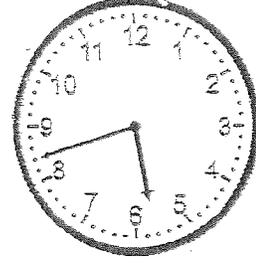
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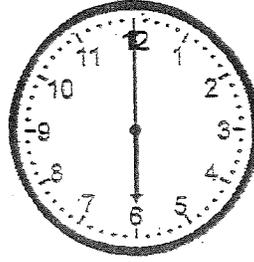
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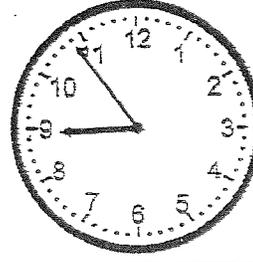
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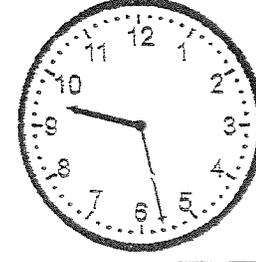
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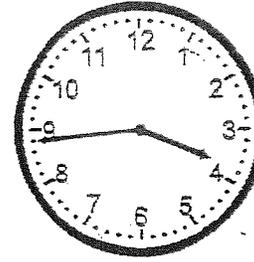
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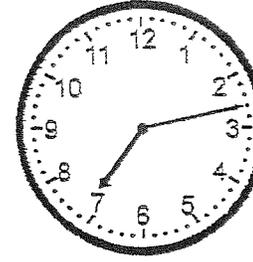
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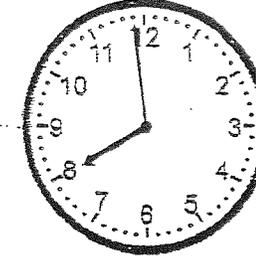
7.



8.



9.



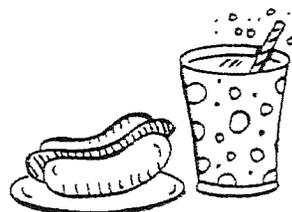
# Fast Finishers

Name \_\_\_\_\_

Date \_\_\_\_\_

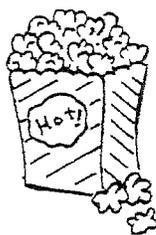
## MONEY

### Snack-Stand Sums



Everyone's hungry and thirsty at Swim-n-Splash Water Park. You're the cashier at the snack stand there.

Read each order. Then fill in the costs and add to find the totals.



popcorn	50¢
cheeseburger	\$3.50
lemonade	\$1.10
yogurt smoothie	\$1.40
pizza slice	\$1.25
ice cream	\$1.35
hot dog	\$1.50
pretzels	45¢
iced tea	\$1.00
fruit salad	\$1.05
brownie	75¢

1. 2 smoothies \_\_\_\_\_  
 4 popcorns \_\_\_\_\_  
 TOTAL \_\_\_\_\_

2. 2 cheeseburgers \_\_\_\_\_  
 1 hot dog \_\_\_\_\_  
 1 pretzels \_\_\_\_\_  
 TOTAL \_\_\_\_\_

3. 3 lemonades \_\_\_\_\_  
 2 iced teas \_\_\_\_\_  
 2 brownies \_\_\_\_\_  
 TOTAL \_\_\_\_\_

4. 4 fruit salads \_\_\_\_\_  
 2 ice creams \_\_\_\_\_  
 TOTAL \_\_\_\_\_

5. 2 hot dogs \_\_\_\_\_  
 4 pizza slices \_\_\_\_\_  
 6 lemonades \_\_\_\_\_  
 TOTAL \_\_\_\_\_

### Bonus!

Randy has ordered a cheeseburger and an iced tea. He has \$5.25. What one more thing can he order and spend all of his money?

1 cheeseburger \$3.50  
 1 iced tea \$1.00  
 1 \_\_\_\_\_  
 TOTAL \$5.25

## Addition and Subtraction Problem Solving 2

1. Harris bought 662 toys. John Clay bought 485 toys. How many more toys did Harris buy than John Clay?

2. Keaton had 185 pool toys. She got 294 toys for Christmas and 392 toys for his birthday. How many pool toys does Keaton have now?

3. Kolton had 457 remote control cars. William borrowed 379 remote control cars from Kolton. How many remote control cars does Kolton have left?

4. Lilly purchased 154 cupcakes for a party. Sarah purchased 163 cupcakes for her party. How many more cupcakes did Sarah order than Lilly?

5. Piper had 668 blue and red ipads. If she had 251 blue ipads, how many red ipads did Piper have?

6. Cooper had 242 cats. He got 128 cats at the shelter. How many cats does Cooper have now?

7. London had 417 trees on her land. 293 trees were pines. How many trees were NOT pines?

8. Maddie baked 284 cookies for her family. She baked 472 cookies for her church and 365 cookies for her class. How many cookies did Maddie bake in all?

9. Rafe gave Mary-Payton 264 pieces of gum. Andy gave Mary-Payton 438 pieces of gum. How many pieces of gum does Mary-Payton have now?

10. Mrs. Batis bought 528 red starfish and 274 yellow starfish. How many more red starfish did Mrs. Batis buy than yellow starfish?

Name \_\_\_\_\_

Date \_\_\_\_\_

### Mr. Knapp's Rug Shop

**M**r. Knapp's rugs are too plain! Follow the directions below and help him by making his rugs much more attractive.

- Draw flowers on the rug with a perimeter of 26 feet.
- Draw stripes on the rug with a perimeter of 20 feet.
- Draw a smiling face in the center of the rug with an area of 36 feet.
- Draw a design of your choice on the rug with an area of 15 feet.

### PERIMETER AND AREA

The **perimeter** is the distance around a figure. To find the perimeter, add together the length of the two sides and the width of the two sides.

The **area** of a figure is the number of square units inside a figure. The area of a figure can be found by multiplying the length times the width.

