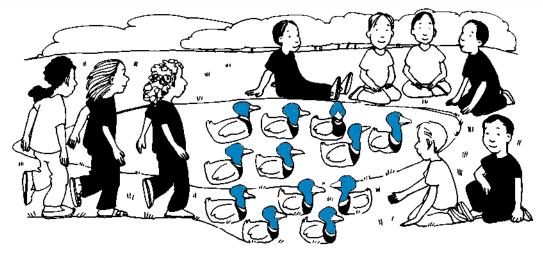


Number Stories



Write an addition number story about what you see in the picture. Write a label in the unit box. Find the answer. Write a number model.

Example: 7 ducks in the water. 5 ducks in the grass. How many ducks in all?

Unitducks

Answer the question: 12 ducks

Number model: 7 + 5 = 12

| Story: | | | |
|--------|--|--|--|
| - | | | |
| | | | |
| | | | |

Unit

Answer the question:______(unit)

Number model:____ + ___ = ____

LESSON 2.1

Number-Grid Puzzles

| 20 | | | |
|----|----|----|----|
| | | | |
| | 28 | | 58 |
| | | | |
| | | | |
| 15 | | | |
| | | | |
| | | 33 | |
| | | | 52 |
| | | | |

| | 346 | | | |
|-----|-----|-----|-----|-----|
| | | | | 378 |
| | | 357 | | |
| 336 | | | | |
| | | | | |
| | | | | |
| | | | | 373 |
| 332 | | | | |
| | | | 361 | |



Math Boxes



Six apples are red. Five apples are green. How many apples in all?

Unit

apples

Number Model

Use your calculator.Show 14.

Broken key is ①.
Show 2 ways:

3. Fill in the blanks.

83, ____, 81, ____, 78

4. Use < or >.



5. Write the time.





6. How much money? Fill in the circle next to the best answer.











- A \$2.40
- B \$11.45
- © \$11.40
- D \$2.45

Date

LESSON 2.2

Facts Power Table

| <u>+ 0</u> | 0 + 1 | 0 + 2 | 0 + 3 | <u>+ 4</u> | 0 + 5 | <u>+ 6</u> | 0 + 7 | <u>+ 8</u> | 0 + 9 |
|------------|----------|----------|------------|------------|------------|------------|------------|------------|------------|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| + 0 | + 1 | + 2 | + 3 | + 4 | + 5 | + 6 | + 7 | + 8 | + 9 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| + 0 | + 1 | + 2 | + 3 | + 4 | + 5 | + 6 | + 7 | + 8 | + 9 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| + 0 | + 1 | + 2 | + 3 | + 4 | + 5 | + 6 | + 7 | + 8 | + 9 |
| <u>+ 0</u> | 4 + 1 | 4 + 2 | <u>+ 3</u> | <u>+ 4</u> | <u>+ 5</u> | <u>+ 6</u> | <u>+ 7</u> | <u>+ 8</u> | <u>+ 9</u> |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| + 0 | + 1 | + 2 | + 3 | + 4 | + 5 | + 6 | + 7 | + 8 | + 9 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | <u>+ 8</u> | 6 |
| + 0 | + 1 | + 2 | + 3 | + 4 | + 5 | + 6 | + 7 | | + 9 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| + 0 | + 1 | + 2 | + 3 | + 4 | + 5 | + 6 | + 7 | + 8 | + 9 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| + 0 | + 1 | + 2 | + 3 | + 4 | + 5 | + 6 | + 7 | + 8 | + 9 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| + 0 | + 1 | + 2 | + 3 | + 4 | + 5 | + 6 | + 7 | + 8 | + 9 |

Time Date

LESSON 2.2

Distances on a Number Grid

Example: How many spaces do you move to go from 17 to 23 on the number grid?

Solution: Place a marker on 17. You move the marker 6 spaces before landing on 23.

| 11 | 12 | 13 | 14 | 15 | 16 | 17 | (18) | 19 | 20 |
|----|------|----|----|----|----|----|------|----|----|
| 21 | (22) | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |

How many spaces from:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|----|----|----|----|----|----|----|----|----|
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |

LESSON 2.2

Math Boxes



Count by 3s.
 Use your calculator.

MR2 162 16 2. Fill in the missing numbers.

455, _____, ____, 458

3. Solve.

Unit

$$10 - 7 =$$

5 8 + 4 - 3 **4.** Show \$1.00 three ways. Use $\overline{\mathbb{Q}}$, $\overline{\mathbb{D}}$, and $\overline{\mathbb{N}}$.



Mrs. Satz's Class's Favorite Colors

| Colors | Tallies |
|--------|---------|
| Red | HHHH |
| Blue | HH |
| Green | HH |
| Yellow | // |

Which color is the most popular?

6. Fill in the circle that names the number.

5 ones

(A) 564

6 hundreds

(B) 356

3 tens

© 635

D 536





Addition/Subtraction Facts Table

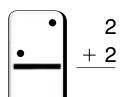
| +,- | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-----|---|----|----|----|----|----|----|----|----|----|
| 0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 3 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 4 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 5 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 6 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 7 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 8 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 9 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

1 2 3

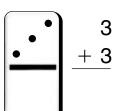
Domino-Dot Patterns

Draw the missing dots on the dominoes. Find the total number on both halves.

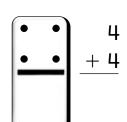
1. double 2



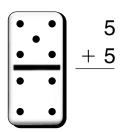
2. double 3



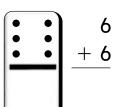
3. double 4



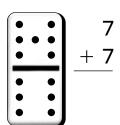
4. double 5



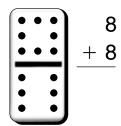
5. double 6



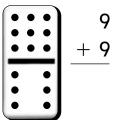
6. double 7



7. double 8

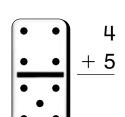


8. double 9

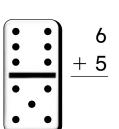


Find the total number of dots.

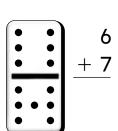
9.



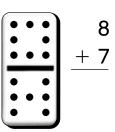
10.



11.

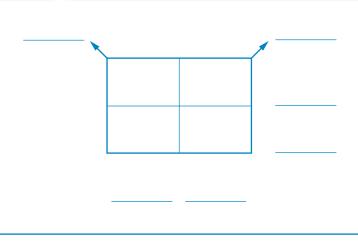


12.



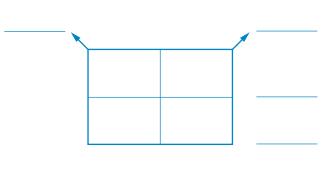


Doubles or Nothing Record Sheet



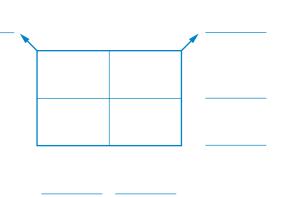
Round 1

Total _____



Round 2

Total _____



Round 3

Total _____

Grand Total _____

1 2 • 3

Math Boxes



1. Julie had 10 crayons. Rosa gave her 8 more crayons. How many crayons in all?

____crayons

Unit

crayons

Number model:

2. Use your calculator.

Show 25.

Broken key is 5.

Show 2 ways:

3. Count back by 5s.

45, 40, _____, ____

_____, _____, 10, _____

Can you keep going?

0, _____, ____

4. Write <, >, or =.

$$6 + 5_{\underline{}} 6 + 6$$



5. Draw the hands to show 10:30.





6. Kyra has 2 dimes and 3 nickels in her left pocket. She has 1 quarter and 2 pennies in her right pocket. How much money does she have?



Date

LESSON 2.4

+9 Facts



Write the sums.

Unit

8.
$$1+9=$$
 9. $0+9=$

13.
$$+ 9 = 17$$
 14. $13 = _{--} + 9$

Unit

Write a + 9 number story.

LESSON 2.4

Math Boxes



1. Count by 6s. Use your calculator.

_____, 12, _____, 30

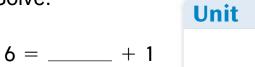


2. Fill in the missing numbers.

196 207

3. Solve.

16 = _____ + 1



 $_{---} = 14 + 0$

____ + 9 = 9

+ 5 = 12

4. Show \$0.88 in two ways. Use Q, D, N, and P.



5. Room 10's Favorite Seasons

| Season | Number of Children |
|--------|--------------------|
| Fall | HH |
| Winter | HH 11 |
| Spring | HH |
| Summer | HHT 1111 |

Which seasons have the same number of votes?

6. 132 has...____ hundreds

_____ tens

____ ones



LESSON 2.5

Addition Facts



If you know a double, you know the 1-more and the 1-less sums.

Example:

If you know that 4 + 4 = 8, You know 4 + 5 = 9, 4 + 3 = 7

And

7. 7

$$= 6 + 9$$

Try This

LESSON 2.5

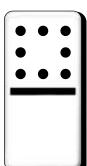
Math Boxes



- What shape is the cover of your math journal? Fill in the circle next to the best answer.
 - (A) rhombus
 - B rectangle
 - © triangle
 - D square



3. Complete the fact family. Fill in the missing domino dots.



$$8 = 15 - _{-}$$



Put the numbers in order from smallest to largest. Circle the middle number.

48, 44, 37, 54, 39



2. Circle the activity that takes about 1 second.

Blinking your eyes.

Writing your name.

Reading a story.

4. How likely is it that our school will have a fire drill today? Circle your answer.

certain

likely

unlikely

impossible

6. Draw hands to show 8:15.



Date

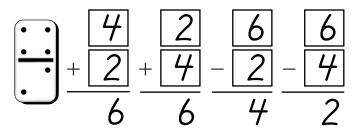
Time

LESSON 2+6

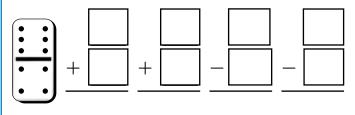
Domino Facts

For Problems 1 through 7, write 2 addition facts and 2 subtraction facts for each domino.

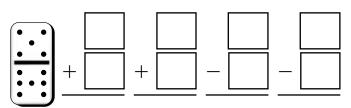
1.



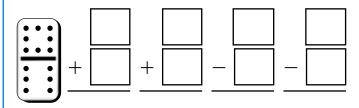
2.



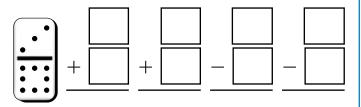
3.



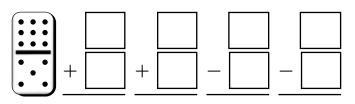
4.



5.

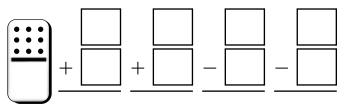


6.

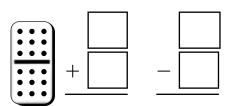


Try This

7.



8. Write one addition fact and one subtraction fact.



2.6

Math Boxes



1. Fill in the missing numbers.

| 144 | | |
|-----|-----|--|
| | 155 | |
| | | |

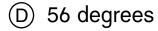


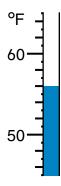
2. What is the temperature? Fill in the circle next to the best answer.

| S |
|---|
| |









3. Write the sums.

Unit

Omt

4. Write these numbers in order from smallest to largest. Begin with the smallest number.

5. Put an X on the digit in the tens place.

456

309

6. What time is it?

____: ___

What time will it be in 15 minutes?







1 2 • 7

Subtraction Number Stories

Solve each problem.

1. Dajon has \$11. He buys a book for \$6. How much money does he have left? \$____ 2. Martin has 7 markers. Carlos has 4 markers. How many more markers does Martin have than Carlos? ____ markers 3. There are 11 girls on Tina's softball team. There are 13 girls on Lisa's team. How many more girls are on Lisa's team than on Tina's? ____ girls 4. Julia has 10 flowers. She gives 4 flowers to her sister. How many flowers does she have left? flowers 5. Keisha has 8 chocolate cookies and 5 vanilla cookies. How many more chocolate cookies does she have than vanilla cookies? chocolate cookies 6. Make up and solve your own subtraction story.

LESSON 2.7

Math Boxes



 Use your Pattern-Block Template. Draw a rhombus.

There are _____ sides.

2. Circle the activity that takes about 1 minute.

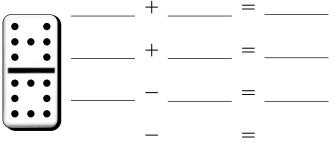
Brushing your teeth.

Eating lunch.

Playing a soccer game.



3. Write the fact family for this domino.





4. How likely is it that the school will serve lunch today? Circle your answer.

impossible

unlikely

likely

certain

5. Arrange the numbers in order from smallest to largest. Circle the middle number.

98, 56, 143, 172, 81



6. What time is it?

___:__

What time will it be in 30 minutes?









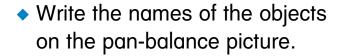
Using a Pan Balance and a Spring Scale

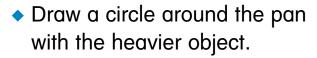
Weighing Things with a Pan Balance

1. Pick two objects. Which feels heavier?

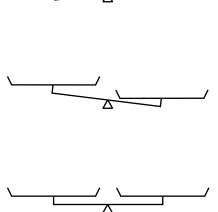


- 2. Put one of these objects in the left pan of the pan balance.
- 3. Put the other object in the right pan.
- Show what happened on one of the pan-balance pictures.









Weighing Things with a Spring Scale

- 1. Which is heavier: 1 ounce or 1 pound? _____
- 2. How many ounces are in 1 pound? _____
- **3.** Put objects in the plastic bag on the spring scale.
- 4. Weigh them. Try to get a total weight of about 1 pound.
- List the objects in the bag that weigh a total of about 1 pound.



LESSON 2.8

Math Boxes



1. Fill in the missing numbers.

| 13 | |
|----|--|
| | |
| | |
| | |

2. What temperature is it? Fill in the circle next to the best answer.

°F 70—



60

3. Write the sums.

$$_{---} = 10 + 41$$

4. Write these numbers in order from smallest to largest. Circle the smallest number and draw a box around the largest number.

5. Put an X on the digit in the tens place in each number.

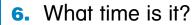
362

1,043

Unit

1,209

596



_____:

What time will it be in 15 minutes?



LESSON 2.9

Name-Collection Boxes

1. Write 10 names in the 12 box.

12

Circle the names that DO NOT belong in the 9 box.

9 12 - 38 + 09 - 05 + 4 + 119 - 10## 111 X X X1 less X X X15 - 7 than X X X10 3 + 3 + 3nine

3. Three names DO NOT belong in this box. Circle them. Write the name of the box on the tag.

9 + 3 12 - 8 3 + 3 ## // 5 + 3 - 2 $x \times x$ half a dozen

4. Make up a name-collection box of your own.



Pan-Balance Problems

Reminder: There are 16 ounces in 1 pound.

Some food items and their weights are shown below.

- Pretend you will put one or more items in each pan.
- Pick items that would make the balances tilt the way they are shown on journal page 43.
- Write the name of each item in the pan you put it in.
- Write the weight of each item below the pan you put it in.

Try to use a variety of food items.









Salad Dressing
1 ounce

Orange 8 ounces

Walnuts
3 ounces

Eggplant 15 ounces

Gummy Worms
4 ounces







Lemon 6 ounces



Flour 2 pounds



Banana 6 ounces



Potatoes 5 pounds

LESSON 2.9

Pan-Balance Problems continued

Example:







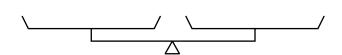
1. Weight: _____ Weight: _____



2. Weight: _____ Weight: _____



3. Weight: _____ Weight: _____



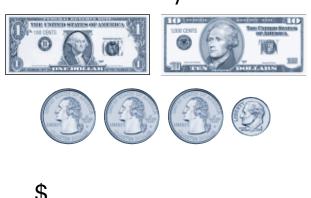
4. Weight: _____ Weight: ____

LESSON 2+9

Math Boxes



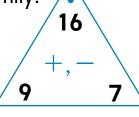
1. How much money?



Draw the hands to show the time school begins.



3. Write the fact family.



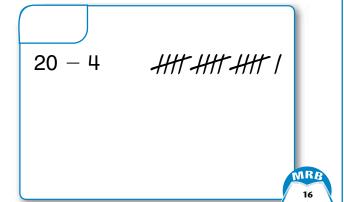
_____ + ____ = _____

| + | = | |
|---|---|--|
| | | |

____ = ____

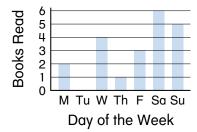


4. Write the label and add 3 more names.



Use your Pattern-Block Template to draw a trapezoid.

6. How many books in all did Pedro read on Saturday and Sunday? Fill in the circle next to the best answer.



(A) 10



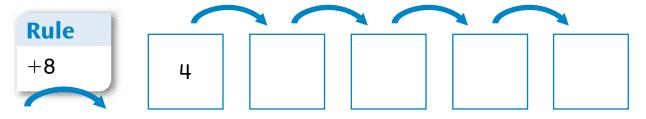




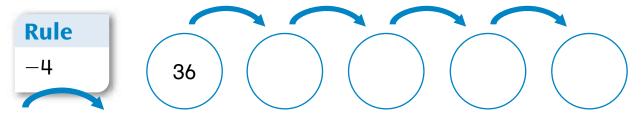


Frames-and-Arrows Problems

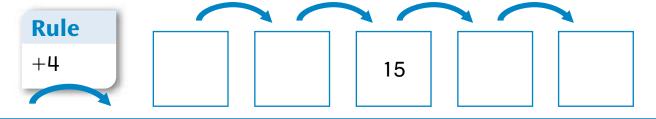
1. Fill in the empty frames.



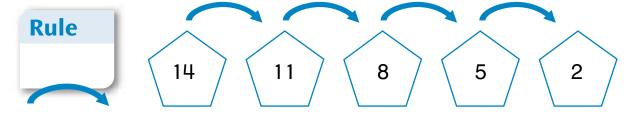
2. Fill in the empty frames.



3. Fill in the empty frames.

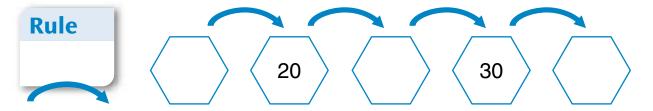


4. Fill in the arrow rule.



Try This

5. Fill in the arrow rule and the empty frames.





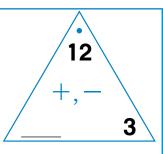
Math Boxes



Write 4 doubles facts that you know.

2. Complete the Fact Triangle and the fact family.

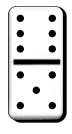
Time



____ = ____



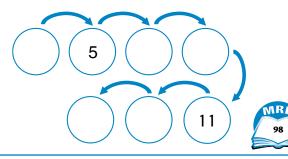
3. Write the fact family for the domino.





4. Fill in the missing frames.





5. The total cost is 16¢. I pay with 2 dimes. How much change do I get? Fill in the circle next to the best answer.

- (A) 36¢
- **B** 6¢
- © 4¢
- D 20¢



6. Draw a rectangle around the digit in the tens place.

349

406

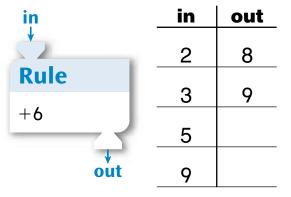




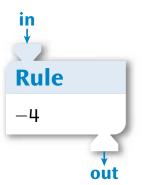
"What's My Rule?"

In Problems 1–4, follow the rule. Fill in the missing numbers.

1.



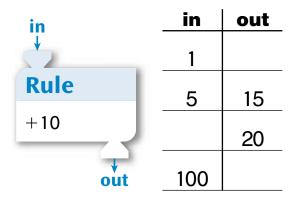
2.



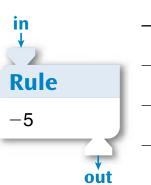
in out

| 6 | 2 | | |
|----|---|--|--|
| 8 | | | |
| 10 | | | |
| 5 | | | |

3.



4.

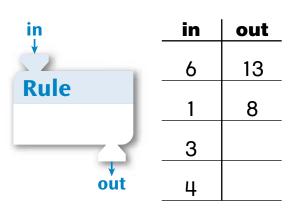


in out

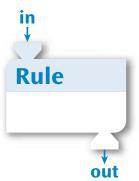
| 6 | |
|----|---|
| | 3 |
| 5 | |
| 12 | |

What is the rule? Write it in the box. Then fill in any missing numbers.

5.



6.



in out

| 12 | 10 | | |
|----|----|--|--|
| 6 | 4 | | |
| 11 | | | |
| | 6 | | |

1 LESSON 2 • 11

Math Boxes

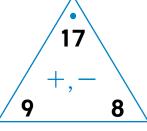


2. What time is it?

What time will it be in 20 minutes?



3. Write the fact family.



_____ + ____ = ____

_____ + ____ = ____

____ = ____



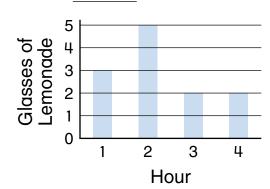
4. Write 6 names for 15.

15



5. Draw a hexagon with your Pattern-Block Template.

6. How many cups of lemonade did Dee sell in the third hour?



There are _____ sides.

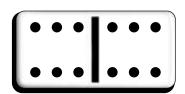


1 LESSON 2 • 12

Math Boxes



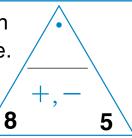
1. Write the doubles fact.



Number model:

| + | _ | |
|---------|-------|--|
| - 1 | _ | |

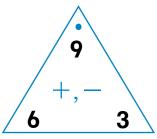
 Fill in the sum on the Fact Triangle.
 Write the fact family.



_____ + ____ = ____

____ = ____

3. Complete the fact family.



_____ = _____ + _____

= +

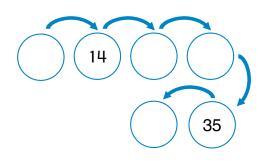
____ = ___ - ___





4. Fill in the frames.







5. The total cost is 75¢. I pay with \$1.00. How much change do I get?

6. Circle the digit in the hundreds place.

128

972

465

2,425

2.13

Subtract 9 or 8



Reminder: To find 18 - 9, think 18 - 10 + 1.

To find 18 - 8, think 18 - 10 + 2.

1. Subtract. Use the -9 and -8 shortcuts.

a.
$$13 - 9 =$$
 b. $16 - 9 =$ **c.** $14 - 8 =$ **...**

b.
$$16 - 9 =$$

d. ____ =
$$12 - 8$$

d. ____ =
$$12 - 8$$
 e. ___ = $17 - 9$ **f.** $12 - 9 =$ ____

g. ____ =
$$13 - 8$$

h.
$$11 - 9 =$$

g. ____ =
$$13 - 8$$
 h. $11 - 9 =$ ___ i. ___ = $15 - 8$

Try This

2. Find the differences.

a.
$$43 - 9 =$$
 _____ **b.** $56 - 8 =$ ____ **c.** $65 - 9 =$ ____

$$c. 65 - 9 =$$

d.
$$37 - 8 =$$

d.
$$37 - 8 =$$
 e. $45 - 9 =$ **f.** $53 - 8 =$

3. Solve.

a.
$$7 = \underline{\hspace{1cm}} - 9$$

a.
$$7 = \underline{\hspace{1cm}} - 9$$
 b. $6 = \underline{\hspace{1cm}} - 8$

LESSON 2.13

Math Boxes



1. How much money?



3. Find the turn-around facts.

$$4 + = 7$$

$$5 + = 13$$

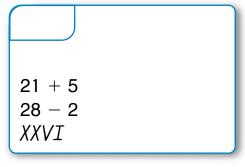
5. Use your Pattern-Block Template to draw a trapezoid.

Circle the three sides that are the same length.

2. Show 8:50 P.M.

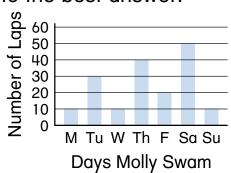


4. Write the label and add 3 more names.





6. What day did Molly swim the most laps? Fill in the circle next to the best answer.



A Wednesday B Sunday

© Saturday

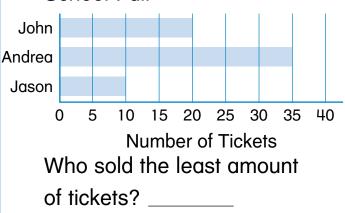
D Tuesday

1 LESSON 2 • 14

Math Boxes



 Selling Tickets for the School Fair



Use the Pattern-Block Template to draw a hexagon.



3. Put an X on the digit in the tens place for each number below.

95

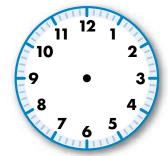
145

217

1,273



4. Draw the hands to show 7:45 A.M.



5. Write 6 names for \$1.00.



6. Fill in the missing frames.

