Math Boxes

Lesson 7-7

DATE TIME

1 Solve.

a. $4,283 * 8$

b. $75 * 57$

SRB 103-108

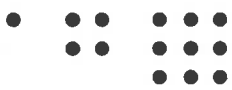
2 We brought 6 granola bars to the game. At the end of the game, there were $2\frac{1}{2}$ bars left. How many bars were eaten?

Number model with answer:

_____ bars

SRB 164-165

3 Draw the next square figure in the pattern below.



_____

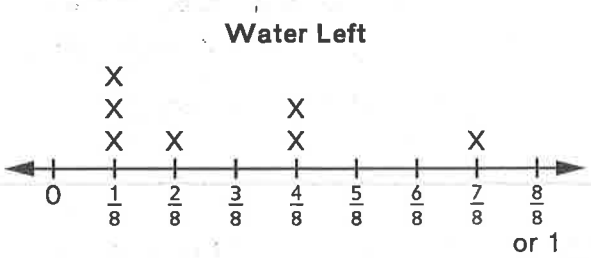
Describe the pattern.

_____

_____

SRB 58-59

4 Use the line plot to answer the question.



Part of the Water Bottles

The bottles are all the same size. If you combined the water in the bottles that are $\frac{4}{8}$ full, how much water would you have?

_____ bottle(s)

SRB 216

5 **Writing/Reasoning** Paula's answer to Problem 4 is $\frac{4}{8}$. Explain why her answer is or is not correct.

_____

_____

_____

_____

SRB 216

Math Boxes

Lesson 7-8

DATE TIME

Math Boxes

1 Solve.

a. $\_\_\_\_ + 2\frac{3}{4} = 8\frac{2}{4}$

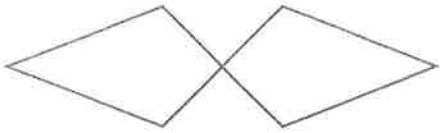
b. $6\frac{2}{5} + 3\frac{4}{5} = \_\_\_\_$

c. $8\frac{5}{6} - \_\_\_\_ = 6\frac{2}{6}$

d. $5\frac{3}{12} - 2\frac{7}{12} = \_\_\_\_$

SRB 162-165

2 Draw the lines of symmetry.



There are _____ lines of symmetry.

SRB 238

3 Solve.

a.
$$\begin{array}{r} 5,862 \\ * \quad\quad 5 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 73 \\ *\,94 \\ \hline \end{array}$$

SRB 103-108

4 Solve.

a. $\frac{73}{100} + \frac{2}{10} = \_\_\_\_$

b. $\_\_\_\_ + \frac{38}{100} = \frac{68}{100}$

c. $\frac{56}{100} + \frac{6}{10} = \_\_\_\_$

d. $\frac{77}{100} + \_\_\_\_ = \frac{117}{100}$

SRB 166-16

5 Solve.

a. $\frac{2}{3} * 3 = \_\_\_\_$

b. $\frac{3}{4} * \_\_\_\_ = \frac{18}{4}$

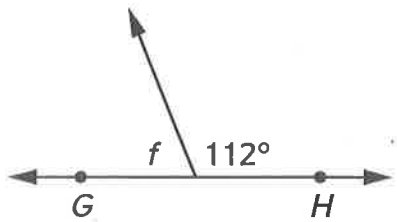
c. $\frac{9}{12} * 4 = \_\_\_\_$

d. $\_\_\_\_ * 8 = \frac{48}{8}$

e. $\frac{6}{3}$ is the _____ multiple of $\frac{1}{3}$.

SRB 173-174

6 Find the measure of $\angle f$. Do *not* use a protractor.



Equation with unknown:

_____ °

Answer: _____

SRB 211-21

Math Boxes

Lesson 7-9

DATE TIME

Math Boxes

1 246 pairs of eyeglasses have to be packed in boxes of 6 per box. 369 pairs of sunglasses have to be packed in boxes of 9 per box. How many boxes are needed for each type?

Fill in the circle next to True or False.

A. More boxes are needed for the eyeglasses than the sunglasses. ○ True ○ False

B. More boxes are needed for the sunglasses than the eyeglasses. ○ True ○ False

C. The same number of boxes are needed for both. ○ True ○ False

D. You cannot tell how many boxes are needed. ○ True ○ False

SRB 115-116

2 Three friends went berry picking, each with the same-size bucket. Susan collected $\frac{5}{12}$ of a bucket of berries, Barbara collected $\frac{6}{12}$ of a bucket, and Edward collected $\frac{8}{12}$ of a bucket. How many buckets of berries did the 3 friends collect all together?

Number model with answer:

_____

Answer: _____ bucket(s)

SRB 160-161

3 Solve.

a. $5\overline{)485}$ **b.** $6\overline{)222}$

SRB 111-114

4 Solve.

a. $5,604 \times 4$ **b.** 95×76

SRB 103-108

5 **Writing/Reasoning** Explain how you used equations to solve Problem 2.

_____

_____

_____

_____

SRB 47

Math Boxes
Preview for Unit 8

Lesson 7-10

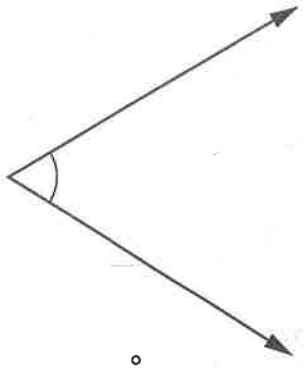
DATE TIME

1 Complete the name-collection box.

$\frac{4}{5}$

SRB 151, 160-161

2 **a.** Use a protractor to measure the angle.



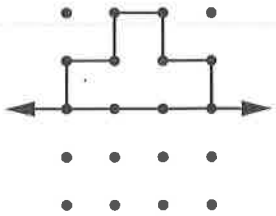
_____ °

b. Is this an acute or obtuse angle?

_____

SRB 210, 229

3 Use a straightedge. Draw the other half of the symmetric shape.



SRB 238

4 Find the perimeter of this square.

$\frac{1}{10}$ inch

_____ inch

SRB 160-161, 200-201

5 Write an equivalent fraction, decimal, or whole number.

	Decimal	Fraction
a.	0.40	_____
b.	_____	$\frac{3}{10}$
c.	_____	$\frac{100}{100}$
d.	0.6	_____

SRB 151

6 Five boys went out to gather leaves, each with the same-size bag. Each boy filled $\frac{2}{3}$ of his bag with leaves. How many bags of leaves in all did the 5 boys collect?

Number model with answer:

_____ bag(s)

SRB 173-174

Math Boxes

Lesson 7-11

DATE TIME

Math Boxes

1 Ms. Hill's three dogs weigh 56, 62, and 65 pounds. Mr. Hofmann's three dogs weigh 67, 72, and 75 pounds. How much more than Ms. Hill's dogs is the combined weight of Mr. Hoffman's dogs?

Answer: _____ ounces

SRB 190-191

2 Use the rule to complete the table.

Rule: * 5

in	out
203	
	1,535
422	
	2,590
613	

SRB 58-60, 103-106

3 It is $\frac{7}{8}$ mile from Ann's house to Emma's. On her way home, Emma stopped at the store, which is $\frac{3}{8}$ mile from Ann's. How much farther did Emma have to walk?

Number model with answer:

_____ mile

SRB 160-161

4 Solve.

a. $9\overline{)836}$ **b.** $7\overline{)652}$

SRB 111-114

5 **Writing/Reasoning** Look at the outputs in Problem 2. What patterns do you see that are not part of the rule?

SRB 58-60

Math Boxes

Lesson 7-12

DATE TIME

1 There are 125 rosebushes to be divided equally into crates, each holding 5. There are 96 shrubs to be divided equally into crates each holding 3. How many more crates will be needed for the shrubs than for the rosebushes?

Number model with unknown:

_____

Answer: _____ crates

SRB 115-116

2 Pedro went to the mall with some friends. He walked $\frac{3}{8}$ mile to Jesse's house and then $\frac{2}{8}$ mile to pick up Tony. Then they walked another $\frac{1}{8}$ mile to the mall. How far did Pedro walk?

Circle ALL of the correct answers.

A. $\frac{3}{4}$ mile

B. $\frac{6}{24}$ mile

C. $\frac{6}{8}$ mile

D. $\frac{5}{8}$ mile

SRB 160-161

3 Solve.

a. $4\overline{)260}$ **b.** $3\overline{)702}$

SRB 111-114

4 Solve.

a.
$$\begin{array}{r} 5,729 \\ \times \quad 6 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 97 \\ \times 54 \\ \hline \end{array}$$

SRB 103-108

5 **Writing/Reasoning** Explain how you solved Problem 3b.

SRB 111-114

Math Boxes

Lesson 7-13

DATE TIME

Math Boxes

1 The zoo has statues of animals on display:

3 bear statues weighing 35, 47, and 62 kilograms

3 gorilla statues weighing 68, 82, and 91 kilograms

How many more grams do the gorilla statues weigh than the bear statues?

Circle the best answer.

A. 97,000 grams

B. 9,700 grams

C. 385 grams

D. 385,000 grams

SRB 190-191

2 Use the rule to complete the table.

Rule: * 3

in	out
153	
	1,035
650	
	2,178
955	

SR 58-6 103-1

3 At the movies, Naomi and Polina shared one bag of popcorn and ate it all. Polina ate $\frac{2}{5}$ of the bag of popcorn. How much did Naomi eat?

Number model with answer:

_____ of a bag

SRB 160-161

4 Solve.

a. $4\overline{)358}$

b. There are 587 pencil sharpeners to b placed into boxes that hold 8 pencil sharpeners per box. How many boxes are needed?

_____ boxes

SR 111-1

5 **Writing/Reasoning** Explain what you did with the remainder in Problem 4b.

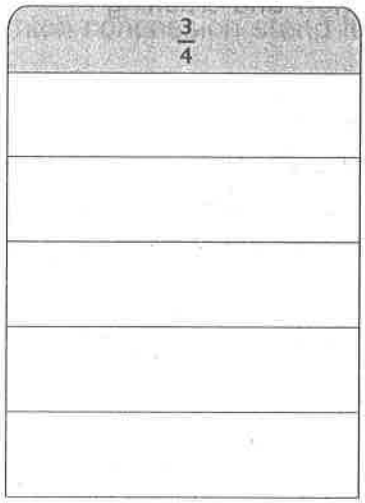
S 115

Math Boxes
Preview for Unit 8

Lesson 7-14

DATE TIME

1 Complete the name-collection box.



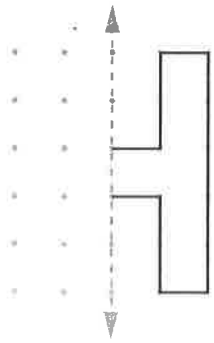
SRB 151, 160-161

2 What types of angles can be made by rotating clock hands?

- ○ acute
- ○ obtuse
- ○ straight
- ○ All of the above
- ○ None of the above

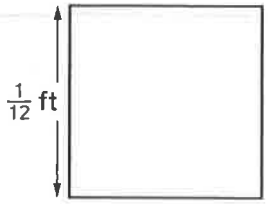
SRB 229

3 Use a straightedge. Draw the other half of the symmetric shape.



SRB 238

4 Find the perimeter of this square.



_____ foot

SRB 160-161, 200-201

5 Write an equivalent fraction, decimal, or whole number.

	Decimal	Fraction
a.	0.70	_____
b.	_____	$\frac{25}{100}$
c.	_____	$\frac{9}{9}$
d.	0.2	_____

SRB 151

6 There are just enough graham crackers so that 6 people can each have $1\frac{3}{4}$ crackers. How many crackers are there?

Number model with answer:

_____ crackers

SRB 175