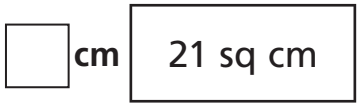
Name _____ Date _____

Practice
Lesson 1

Finding Missing Dimensions

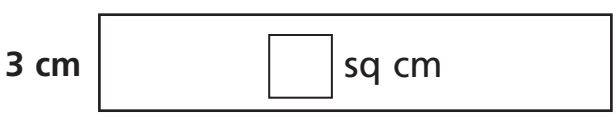
Find the missing dimension or area for each rectangle.

1

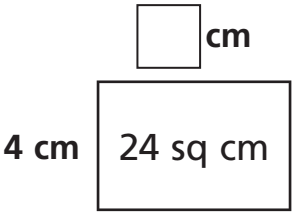


2

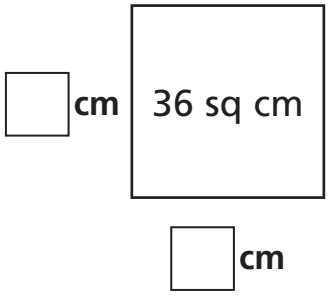
3



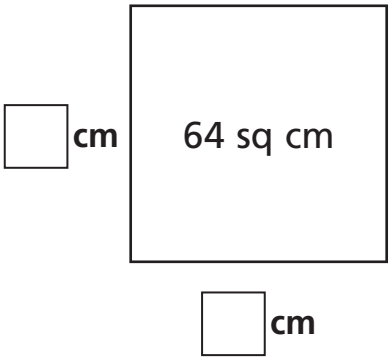
4



5



6



Test Prep

7 Which number sentence matches this situation?

Jan has 12 different shirts that he matches with his pants to make 108 different outfits.

A. $12 + \square = 108$

B. $12 \times \square = 108$

C. $108 - 12 = \square$

D. $12 \times 108 = \square$

Name _____ Date _____

Practice
Lesson 2

Finding Missing Factors

Write the correct number in each box.

1

$4 \times 3 =$ _____

$40 \times 3 =$ _____

$4 \times 30 =$ _____

$40 \times 30 =$ _____

2

$5 \times 7 =$ _____

$5 \times 70 =$ _____

$50 \times 7 =$ _____

$50 \times 70 =$ _____

3

$3 \times 11 =$ _____

$30 \times 11 =$ _____

$30 \times 110 =$ _____

$3 \times 110 =$ _____

4

$7 \times 9 =$ _____

$7 \times 90 =$ _____

$70 \times 90 =$ _____

$70 \times 9 =$ _____

5

$8 \times 700 =$ _____

$80 \times$ _____ $= 5{,}600$

$8 \times$ _____ $= 560$

_____ $\times 70 = 56{,}000$

6

$50 \times$ _____ $= 200$

$50 \times$ _____ $= 2{,}000$

_____ $\times 400 = 2{,}000$

_____ $\times 400 = 20{,}000$

Test Prep

7 1 dozen = 12

How many in 50 dozen?

A. 60 **C.** 600

B. 120 **D.** 1,000

8 1 score = 20

How many scores in 800?

A. 4 **C.** 1,600

B. 40 **D.** 16,000

Name _____ Date _____

Practice
Lesson 3

Finding Missing Factors More Efficiently

Compare. Write <, >, or =. Hint: Use estimation.

1 24×9 ◯ 20×9	2 96×7 ◯ 90×7
3 38×5 ◯ 40×5	4 51×8 ◯ 51×10
5 27×6 ◯ 25×6	6 72×4 ◯ 70×4
7 83×5 ◯ 80×5	8 43×6 ◯ 240
9 79×8 ◯ 640	10 37×5 ◯ 200
11 26×4 ◯ 100	12 91×6 ◯ 540
13 74×7 ◯ 490	14 52×8 ◯ 400

Test Prep

15 One CD costs $11.99, including tax. Joyce bought 4 CDs. Use estimation to decide if she paid more or less than $48. Explain how you found your answer.

_____

_____

Name _____ Date _____

Practice
Lesson 4

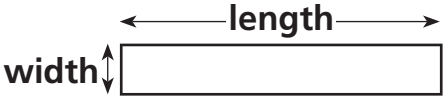
Estimating Missing Factors and Quotients

Compare. Write <, >, or =. Hint: Use estimation.

1 $19 \times 31 \bigcirc 20 \times 31$	2 $19 \times 31 \bigcirc 19 \times 30$
3 $19 \times 31 \bigcirc 19 \times 40$	4 $19 \times 31 \bigcirc 10 \times 31$
5 $52 \times 28 \bigcirc 50 \times 28$	6 $52 \times 28 \bigcirc 50 \times 20$
7 $52 \times 28 \bigcirc 52 \times 30$	8 $52 \times 28 \bigcirc 60 \times 30$
9 $27 \times 16 \bigcirc 20 \times 16$	10 $27 \times 16 \bigcirc 27 \times 20$
11 $27 \times 16 \bigcirc 27 \times 10$	12 $27 \times 16 \bigcirc 30 \times 16$
13 $64 \times 76 \bigcirc 64 \times 80$	14 $64 \times 76 \bigcirc 60 \times 76$
15 $64 \times 76 \bigcirc 64 \times 70$	16 $64 \times 76 \bigcirc 60 \times 70$

Test Prep

17 The length of the rectangular garden is ten times the width. If the width is 4 feet, what is the area? Explain how you found the answer.



_____

_____

_____

Name _____ Date _____

Practice
Lesson 5

Dividing Using Multiplication Puzzles

Solve.

1 $7 \times 10 =$ _____ $7 \times 3 =$ _____ $7 \times 13 =$ _____	2 $9 \times 20 =$ _____ $9 \times 1 =$ _____ $9 \times 21 =$ _____	3 $6 \times 6 =$ _____ $6 \times 40 =$ _____ $6 \times 46 =$ _____
4 $5 \times 30 =$ _____ $5 \times 6 =$ _____ $5 \times 36 =$ _____	5 $8 \times 90 =$ _____ $8 \times 4 =$ _____ $8 \times 94 =$ _____	6 $4 \times 60 =$ _____ $4 \times 2 =$ _____ $4 \times 62 =$ _____
7 $11 \times 30 =$ _____ $11 \times 5 =$ _____ $11 \times 35 =$ _____	8 $25 \times 4 =$ _____ $25 \times 80 =$ _____ $25 \times 84 =$ _____	9 $30 \times 90 =$ _____ $30 \times 1 =$ _____ $30 \times 91 =$ _____
10 $90 \times 5 =$ _____ $90 \times 50 =$ _____ $90 \times 55 =$ _____	11 $50 \times 70 =$ _____ $50 \times 5 =$ _____ $50 \times 75 =$ _____	12 $200 \times 20 =$ _____ $200 \times 9 =$ _____ $200 \times 29 =$ _____

Test Prep

13 Markers come in boxes of 8. Mrs. Snow bought 27 boxes, but then she returned 4 boxes. How many makers did she have then? Explain how you found the answer.

_____

_____

_____

Name _____ Date _____

Practice
Lesson 6

Completing Division Sentences

Write the correct number in each box.

1

$6 \times 20 =$ _____

$6 \times 3 =$ _____

$6 \times 23 =$ _____

2

$4 \times 10 =$ _____

$4 \times 7 =$ _____

$4 \times 17 =$ _____

3

$7 \times 30 =$ _____

$7 \times 4 =$ _____

$7 \times 34 =$ _____

4

$5 \times 7 =$ _____

$5 \times 80 =$ _____

$5 \times 87 =$ _____

5

$9 \times 6 =$ _____

$9 \times 50 =$ _____

$9 \times 56 =$ _____

6

$8 \times 90 =$ _____

$8 \times 7 =$ _____

$8 \times 97 =$ _____

7

_____ $\div 30 = 50$

_____ $\div 8 = 50$

_____ $\div 38 = 50$

8

_____ $\div 50 = 25$

_____ $\div 9 = 25$

_____ $\div 59 = 25$

9

_____ $\div 5 = 1{,}000$

_____ $\div 10 = 1{,}000$

_____ $\div 15 = 1{,}000$

Test Prep

10 16 quarters are worth how many cents?

A 4 **C.** 400

B. 40 **D.** 4,000

11 How many quarters are worth $5?

A. 20 **C.** 50

B. 40 **D.** 125