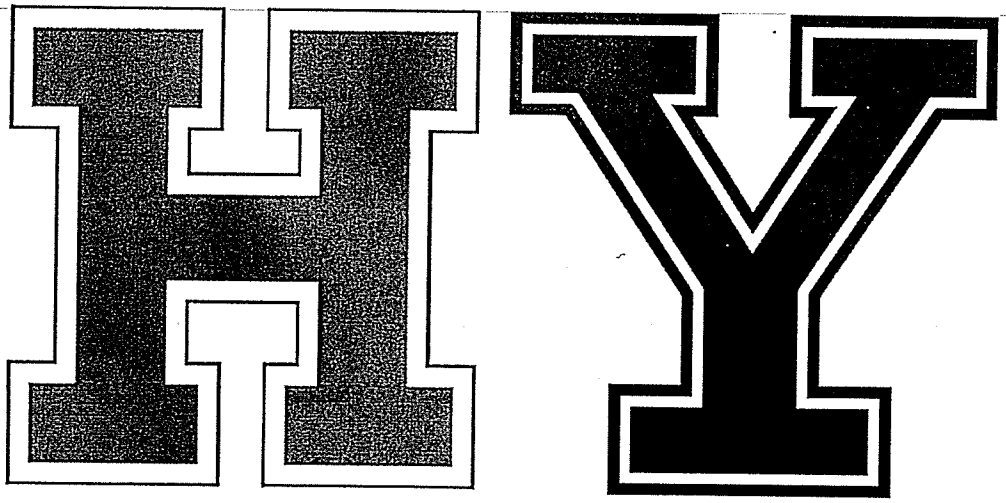
3rd Grade

Zearn Notes



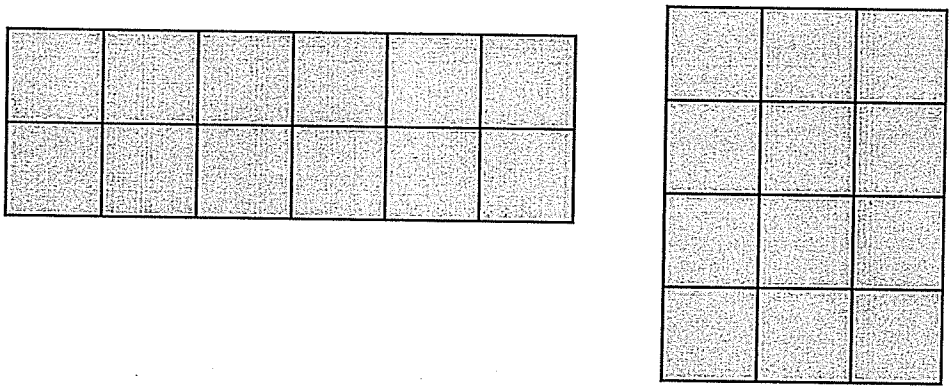
Module 4

Lesson 1 G:3 M:4	Unit, Square Unit
	ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 Look at the shapes below. Do both rectangles have the same area? Explain how you know.



EXPLANATION

EXTRA WORKSPACE

Lesson 4 G:3 M:4	Opposites Are Equal
	ZEARN STUDENT NOTES

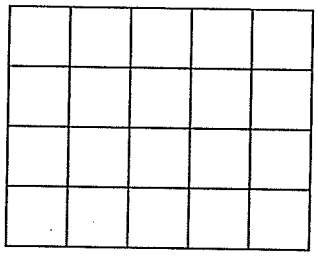
Name:_____ Date:_____

Complete: ☐ Class:_____

1 Find the area of the rectangle.

_____ length units

_____ length units



_____
_____
_____
_____

Area: _____ square units

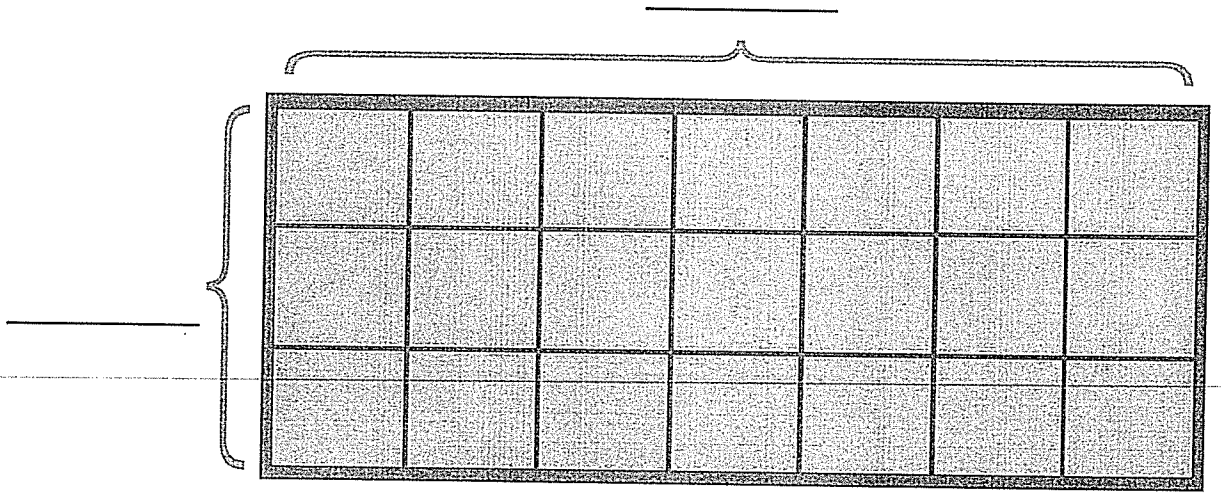
EXTRA WORKSPACE

Lesson 5 G:3 M:4	Tile It
	ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 Label the sides of the rectangle. Then, fill in the equation to find the area.



Area: _____ units × _____ units = _____ square units

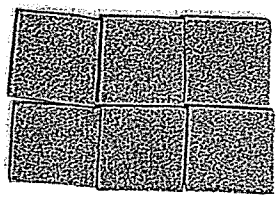
EXTRA WORKSPACE

Lesson 7 G:3 M:4	Off the Grid
	ZEARN STUDENT NOTES

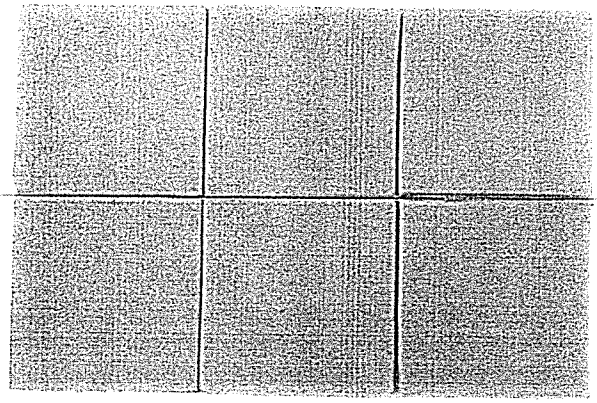
Name:_____ Date:_____

Complete: ☐ Class:_____

1 Label and compare the units.



Area = 6 square _____



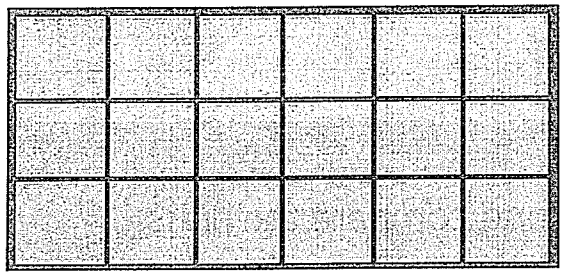
Area = 6 square _____

6 square centimeters is _____ _____ 6 square inches.

2 Label the sides and find the area of each rectangle.

_____ units

_____ units

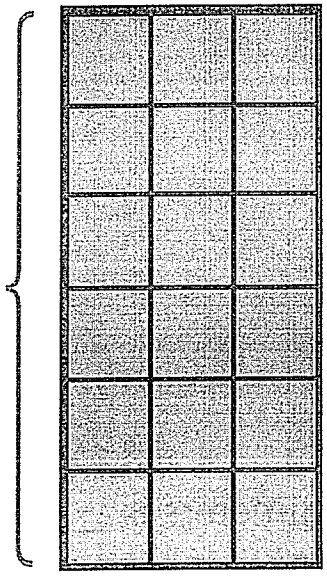


A

Area = _____ square units

_____ units

_____ units



B

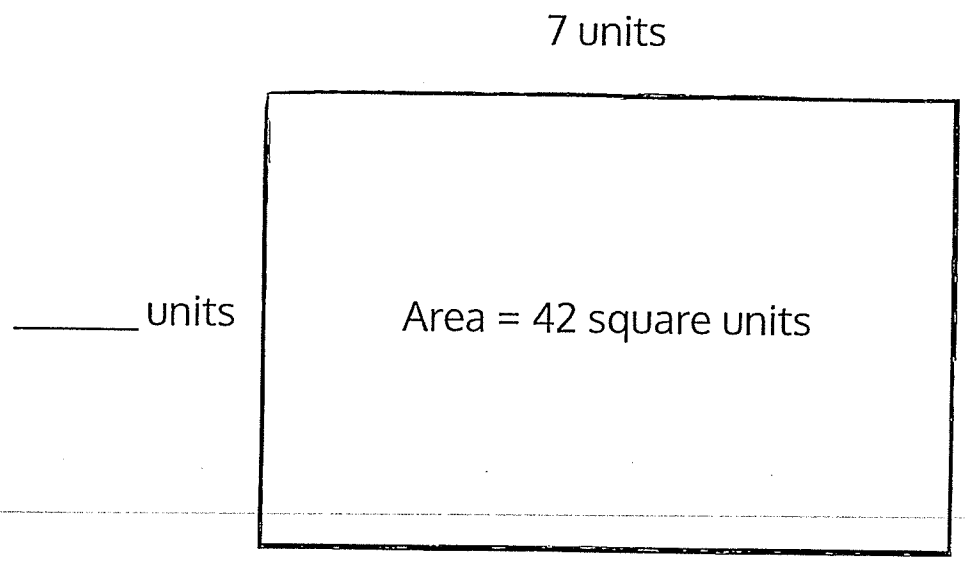
Area = _____ square units

Lesson 8 G:3 M:4	All You Need Are Side Lengths ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 Find the unknown side length.



EQUATIONS

_____ × _____ = _____

_____ ÷ _____ = _____

ANSWER SENTENCE

The unknown side length is _____.

EXTRA WORKSPACE

Lesson 10 G:3 M:4	Piece It Together
	ZEARN STUDENT NOTES

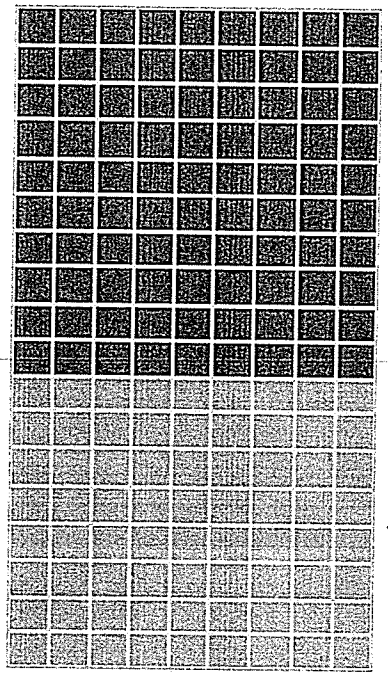
Name:_____ Date:_____

Complete: ☐ Class:_____

1 Find the area of the shaded and unshaded rectangles.

Then, use the measurements of the small rectangles to find the area of the large rectangle.

_____

_____  _____ × _____

_____ _____ × _____

18 × 9 = (_____ + 8) × 9

= (10 × 9) + (_____ × 9)

= _____ + _____

= _____ sq units

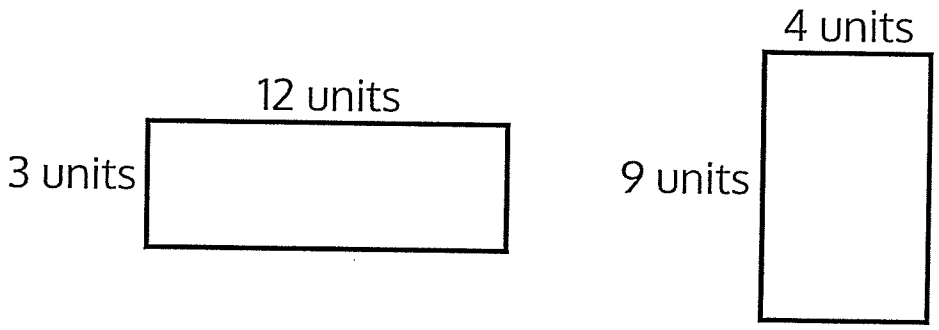
EXTRA WORKSPACE

Lesson 11 G:3 M:4	All the Possibilities
	ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 Use the associative property to prove that a 3 × 12 rectangle has the same area as a 9 × 4 rectangle.



SHOW YOUR WORK

Area: $3 \times 12 = 3 \times (3 \times \_\_\_\_\_)$

$= 3 \times 3 \times \_\_\_\_\_$

$= \_\_\_\_\_ \times \_\_\_\_\_$

$= \_\_\_\_\_$ sq units

$3 \times 12 = \_\_\_\_\_ = 9 \times 4$

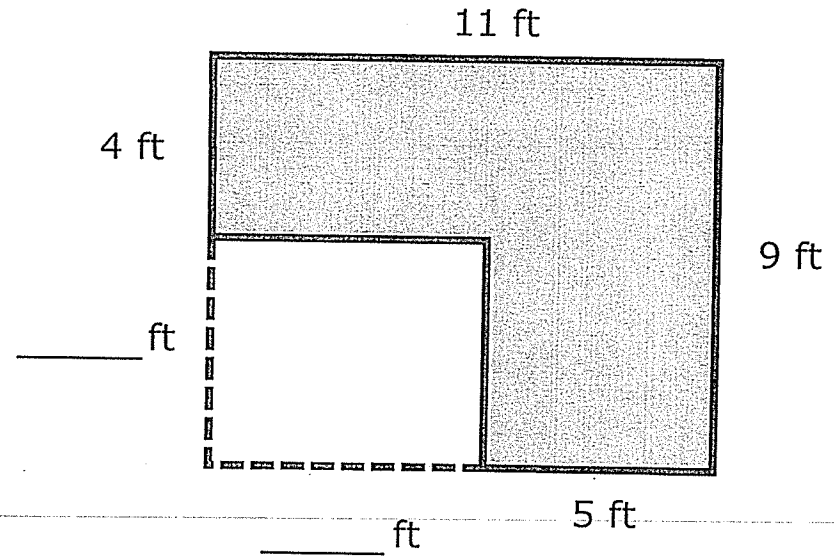
EXTRA WORKSPACE

Lesson 13 G:3 M:4	Cut It Out ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1 Find the area of the shaded region.



SHOW YOUR WORK

a. Area of the big rectangle: _____ × _____ = _____ sq ft

b. Area of the small rectangle: _____ × _____ = _____ sq ft

c. Area of the shaded region: _____ − _____ = _____ sq ft

EXTRA WORKSPACE

Lesson 14 G:3 M:4	Cut and Compose
	ZEARN STUDENT NOTES

Name:_____ Date:_____

Complete: ☐ Class:_____

1. Fanny has a piece of fabric that is 8 feet long and 5 feet wide. She cuts out a rectangular piece that measures 3 feet by 2 feet.

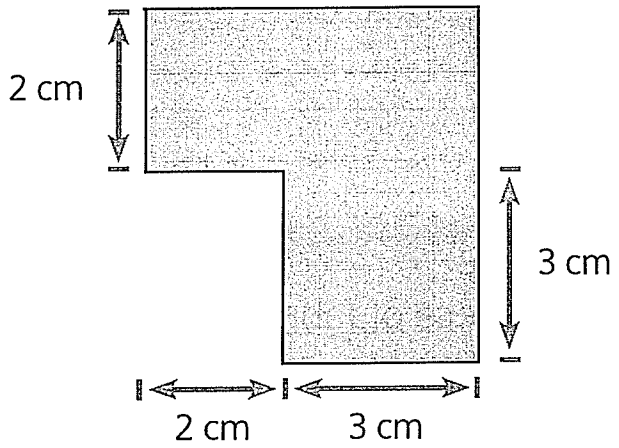
   How many square feet of fabric does Fanny have left?

DRAW

SOLVE

There are _____ square feet of fabric left.

2 Find the area of the composite shape below.



SOLVE

The total area is _____ sq cm.