









Student Activity Book

Area Riddles (SAB pp. 683–684)
Questions 1–6





1.* 12 sq cm

-  is 8
-  is 4
-  is 3
-  is 2

2.* 12 sq cm

-  is 8
-  is 4
-  is 3
-  is 2

3.* Shapes should be 12 sq cm

-  is 8
-  is 4
-  is 3
-  is 2

4–6. Shapes will vary.

4.* Area = $8\frac{1}{2}$ sq cm

5. Area = 11 sq cm

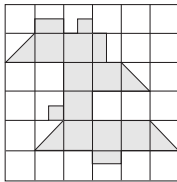
6.* Area = $8\frac{1}{4}$ sq cm

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Name _____ Date _____


Area Riddles


Count the pieces and find the total area of each shape.


1. 

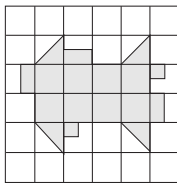
Area _____

Number of  is _____


Number of  is _____


Number of  is _____


Number of  is _____


2. 

Area _____

Number of  is _____

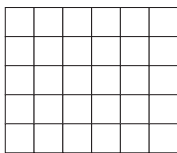
Number of  is _____

Number of  is _____


Number of  is _____


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Make another shape with the same pieces and area.


3. 

Area _____

Number of  is _____

Number of  is _____

Number of  is _____



Number of  is _____




Area Riddles SAB • Grade 2 • Unit 13 • Lesson 7 683




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Name _____ Date _____

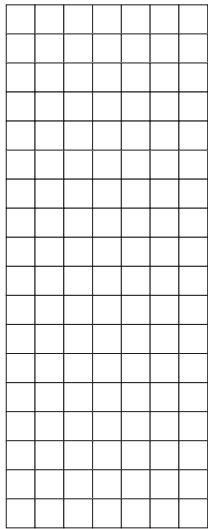
For each riddle, draw a shape and find its area.

4. My number of  is 7
My number of  is 3
What is my area?

5. My number of  is 9
My number of  is 3
My number of  is 2
What is my area?

6. My number of  is 6
My number of  is 4
My number of  is 1
What is my area?

one-half one-fourth
sq cm



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*Answers and/or discussion are included in the lesson.

Name _____ Date _____

Area Questions

A. **B.**

1. What is the area of Shape A? _____
2. What is the area of Shape B? _____
3. How are Shape A and B alike and different?

one-half one-fourth
 sq cm

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Area Riddles SAB • Grade 2 • Unit 13 • Lesson 7 **685**

Area Questions (SAB p. 685–686) Questions 1–3

1. Shape A = $7\frac{1}{4}$ sq cm
2. Shape B = $7\frac{1}{4}$ sq cm
3. Answers will vary. Possible response: A and B are different shapes. They are alike because they have the same area. They are both made with 5 , 3 , 1 , and 1 .

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Name _____ Date _____

Area Questions	Expectation	Check In	Comments
Find the area of a shape on a grid using counting and reasoning strategies. (Q# 2–3) Recognize that different shapes can have the same area. (Q# 1)	EB		
Yes...	E9		
No...			
Yes, but...			
No, but...			
No...			

MP6a. Use labels I use labels to show what numbers mean. (Q# 2–3)

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Teacher Guide

Area Riddles at Home (TG pp. 1–2)
Homework

Questions 1–3

1. Area = 7 sq cm

 is 4

 is 3

 is 2


 is 2





2. Shapes will vary. Area = $9\frac{1}{2}$ sq cm

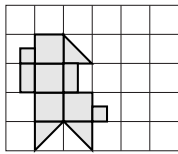
3. Shapes will vary. Area = $5\frac{1}{2}$ sq cm or $5\frac{2}{4}$ sq cm


Name _____ Date _____


Area Riddles at Home





1. Count the , , , and  to find the area of this shape. Include labels.



Number of  is _____


Number of  is _____


Number of  is _____


Number of  is _____


Area _____

2. Draw a shape that fits this riddle. Then find its area. Include units.

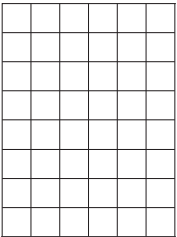
Number of  is 6

Number of  is 3

Number of  is 2

Number of  is 4

Area _____





TG • Grade 2 • Unit 13 • Lesson 7 |


Teacher Guide - Page 1


Name _____ Date _____

3. Draw a shape that fits this riddle. Then find its area. Include units.

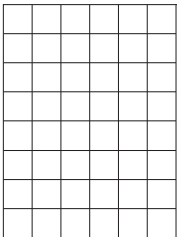
Number of  is 3

Number of  is 2

Number of  is 2

Number of  is 2

Area _____



one-half one-fourth
sq cm

TG • Grade 2 • Unit 13 • Lesson 7

Homework Master

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