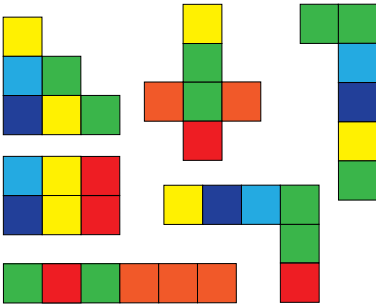


Boo the Blob

1. Mara used six square-inch tiles to make shapes. A picture of each shape is shown below. Use six square-inch tiles to make a shape different from Mara's.



2. Compare the shapes.
 A. How are the shapes alike?
 B. How are the shapes different?

Use the *Boo the Blob Changes Shape* pages in the *Student Activity Book* to investigate area as the shape changes.

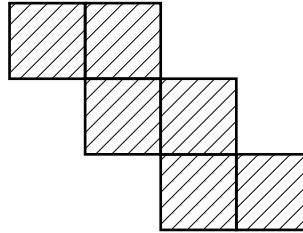
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Boo the Blob SG • Grade 3 • Unit 5 • Lesson 3 101

Student Guide

**Boo the Blob (SG p. 101)
 Questions 1–2**

1. Responses will vary. Possible response:



2. **A.*** All the shapes have the same area.
B.* All the shapes are different.

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

Student Activity Book

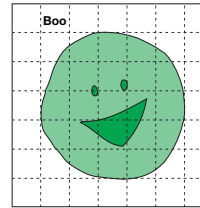
Boo the Blob Changes Shape
(SAB pp. 151–154)

Questions 1–9

- 1–2. Answers will vary. Shape A is 25 sq cm.
3. Answers will vary. Shape B is about 20 sq cm. Shape C is about 16 sq cm.
4. Shape B is Boo. The median value for Boo and Shape B is about 20 sq cm.
5. Drawings of Boo will vary.
6. Boo’s area should be about 20 sq cm.
- 7–9. Responses will vary.

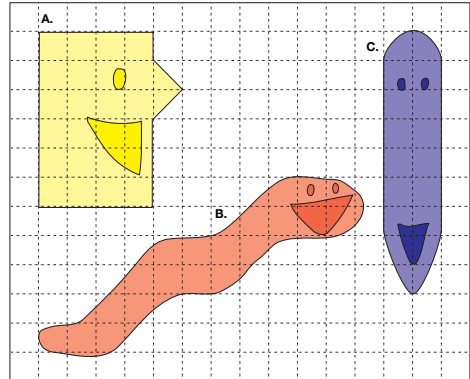
Name _____ Date _____

Boo the Blob Changes Shape



Boo the Blob is a very special creature who is completely flat. He tries to trick his friends by changing his shape. His friends always know who he is because he cannot change his area.

One of the three blobs below is Boo in another form. Can you find him? Which one is he?



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Boo the Blob

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Student Activity Book - Page 151

Name _____ Date _____

Record the area you counted for Shapes A, B, and C in the data table. Record and compare data from two classmates as well. Do not write anything in the column labeled “Median” or the last row yet.

Shape vs. Area

Shape	Area (in square centimeters)			
	My Data	Classmate #1	Classmate #2	Median
A				
B				
C				

1. List the three areas your group found for Shape A in order from smallest to largest. Circle the middle value.
2. The middle value is the **median**. Record the median area for Shape A in the data table.
3. Record the median values for Shapes B and C in the data table.
4. Which shape is Boo? Explain how you decided.

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Boo the Blob

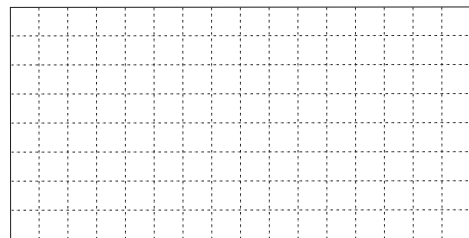
SAB • Grade 3 • Unit 5 • Lesson 3 153

Student Activity Book - Page 153

Name _____ Date _____

✓ Check-In: Questions 5-9

5. Draw Boo the Blob as a different shape. Use the Centimeter Grid below. Label this Shape D.



6. Find the area of Shape D. Record the area in the Shape vs. Area data table.
7. Trade papers with two classmates. Ask each of them to also find the area of Shape D and record their measurement in the Shape vs. Area data table.
8. Find the median area for Shape D.
9. Did you draw Boo the Blob as a new shape? Explain how you decided.

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Boo the Blob

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Name the Blob (SAB p. 157)

Responses will vary.

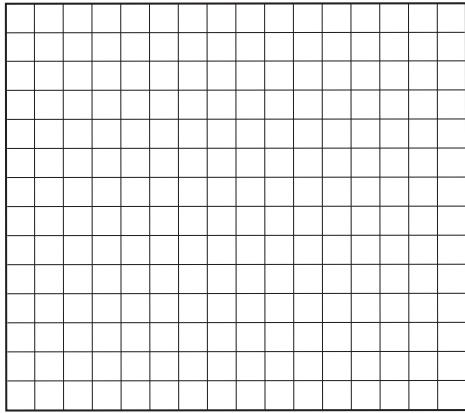
Name _____ Date _____

Name the Blob

_____ the Blob is a special creature who is
Name _____
completely flat. _____ area is always
His or Her _____
_____ square centimeters.

Draw _____ the Blob as two different shapes.
Name _____

Use the Centimeter Grid below.



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Boo the Blob **SAB • Grade 3 • Unit 5 • Lesson 3 157**

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