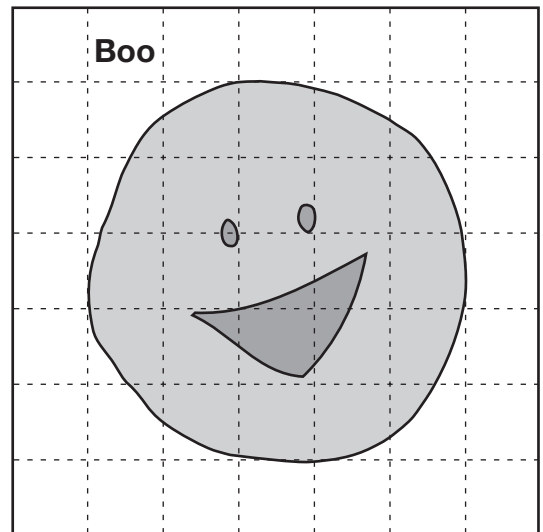
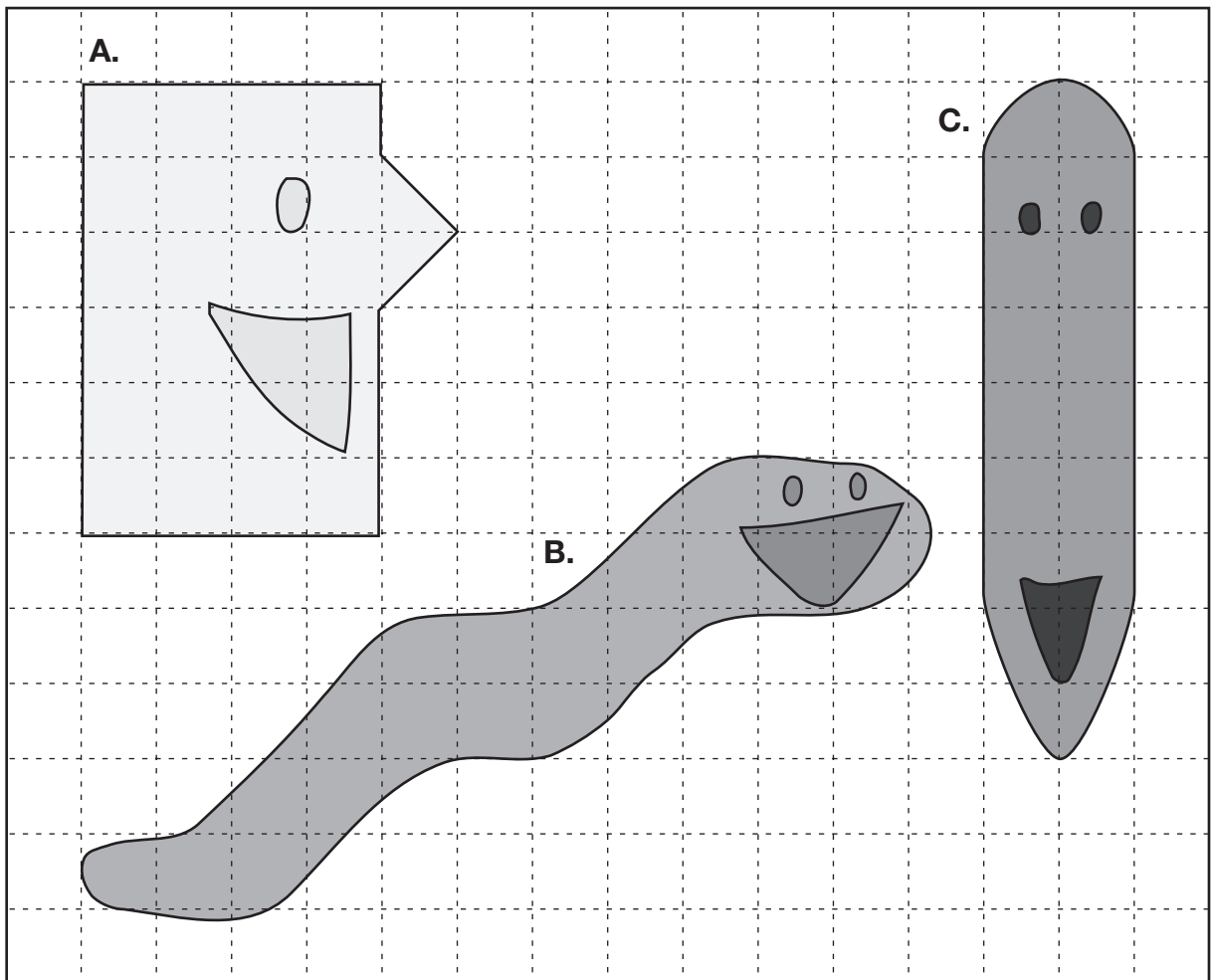


# Boo the Blob Changes Shape

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?



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

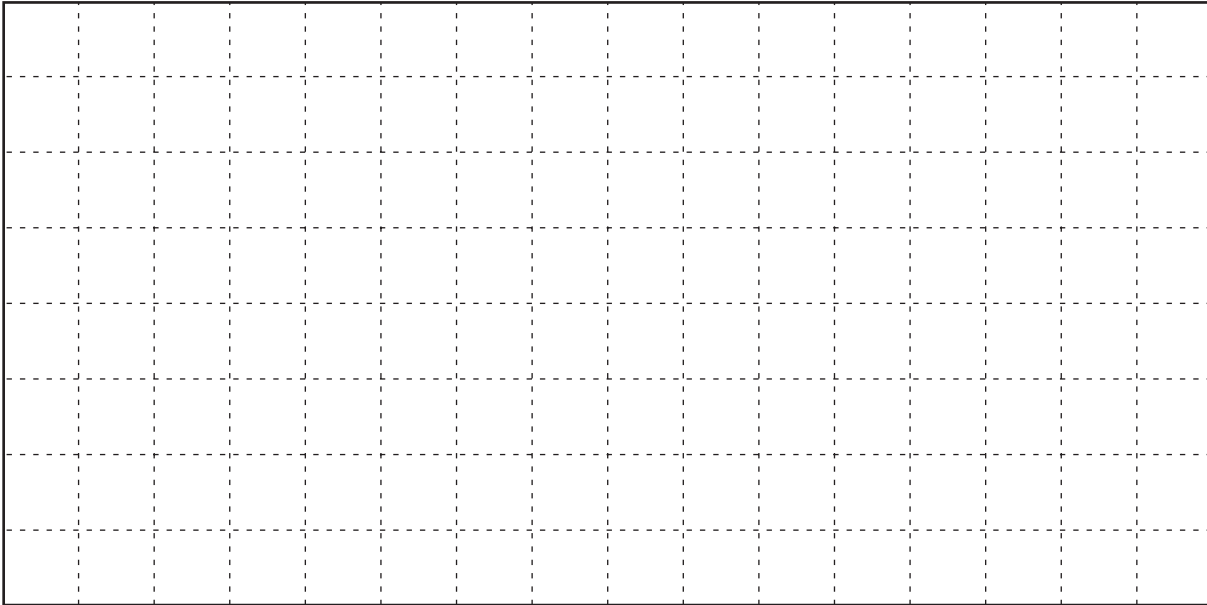
Shape	Area (in square centimeters)			
	My Data	Classmate #1	Classmate #2	Median
A				
B				
C				

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.



## 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 measurements 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.

Name \_\_\_\_\_ Date \_\_\_\_\_

**Boo the Blob Changes Shape  
Check-In: Questions 5–9  
Feedback Box**

	Expectation	Check In	Comments
Recognize that different shapes can have the same area. [Q# 5]	E1		
Find the area of shapes with straight or curved sides by counting square units. [Q# 6–7]	E3		
Find the median of a data set. [Q# 8]	E7		

Yes . . .

Yes, but . . .

No, but . . .

No . . .

<p><b>MPE5. Show my work.</b> I show or tell how I arrived at my answer so someone else can understand my thinking. [Q# 9]</p>				
<p><b>MPE6. Use labels.</b> I use labels to show what numbers mean. [Q# 9]</p>				