

Name _____

1. Which shape has exactly 4 sides? **1 point**

- (A) hexagon (B) rectangle (C) circle (D) triangle

2. How do you know if a shape is a triangle? **1 point**

- (A) The shape has 4 right angles. (C) The shape has 0 edges and 0 vertices.
 (B) The shape has 3 edges and 3 vertices. (D) The shape has 4 edges and 4 vertices.

3. How many flat surfaces and edges does a sphere have?

0 flat surface(s) 0 edge(s) **2 points**

4. Keisha makes 2 triangles and a square. Then she puts them together to make a new shape.

Draw a shape Keisha can make. **1 point**

Check students' drawings.

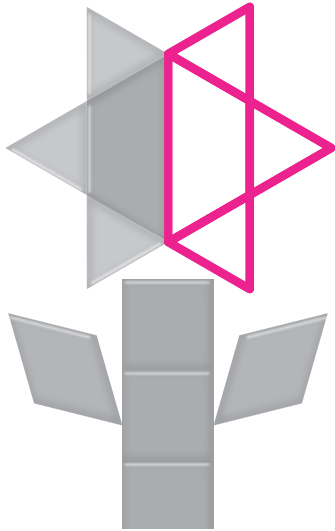
5. Complete the sentence. Then explain how you know you are correct. **2 points**




This 3-D shape is a cone.

Sample answer: I know this is a cone because it has one flat surface and one vertex.

6. Scott is making a flower. Use pattern blocks to draw in the pieces he is still missing. **1 point**



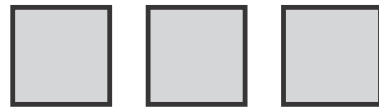
Check students' work.

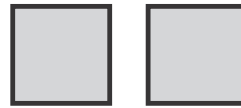
7. Choose two sets of shapes you can use to make . **1 point**



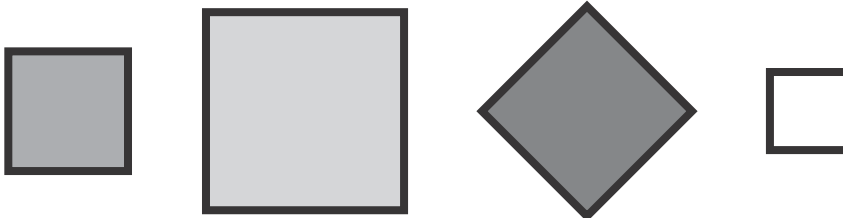






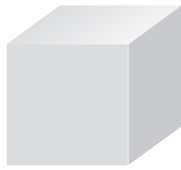


8. All of these shapes are squares. Circle two ways to describe all squares. **1 point**

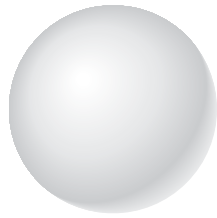


All squares: are gray. **have 4 vertices.** have 3 sides.
are small. **have 4 sides.**

9. A. Which 3-D shape has 2 flat surfaces and 0 vertices? **1 point**



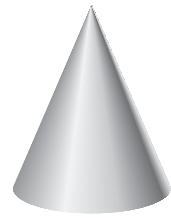
(A)



(B)



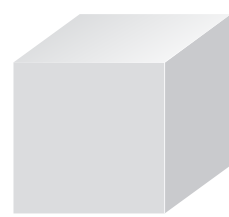
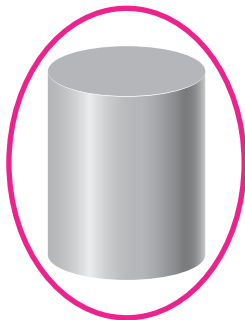
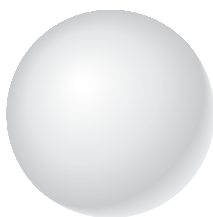
(C)



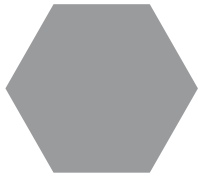
(D)

B. What is the name of the shape you chose in A? **1 point**
cylinder

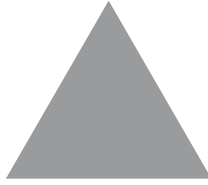
10. Circle the two 3-D shapes that can be used to make this object. **1 point**



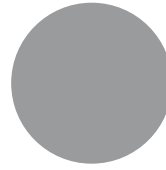
11. A. Which 2-D shape has more than 4 vertices? **1 point**



A



B



C



D

B. How many vertices does your answer to A have? 6
1 point

12. Match each 3-D shape with one way to describe it.

Use each description once. **1 point**

	1 vertex	2 flat surfaces	no vertices	6 faces
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