Geometry and Spatial Sense Standard
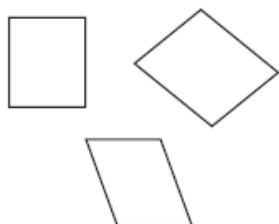
1. Draw two lines of symmetry for each shape. You may use your ruler.

2. Two groups of shapes are shown below.
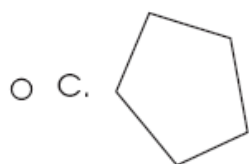
   Group 1   **Group 2**
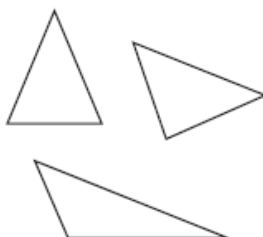
   Which shape belongs in Group 2?

   O A.

   O B.

   O C.

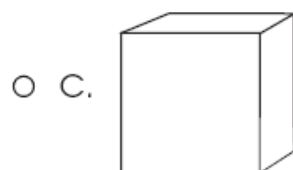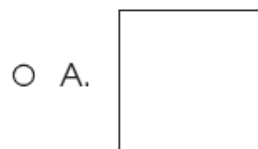3. Which picture shows a right angle?

○ A.

○ B.

○ C.

4. John placed this can on a piece of paper. He traced around the bottom of the can.
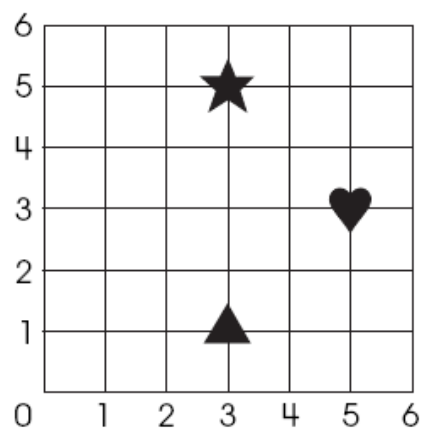

What shape did he draw?

○ A. triangle
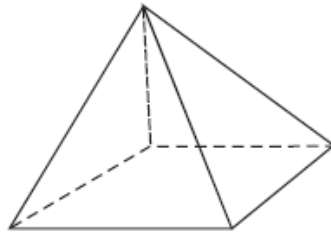○ B. rectangle
○ C. circle

5. Which shape is three-dimensional?

○ A.

○ B.

○ C.

6. What is the location of the star on the grid?
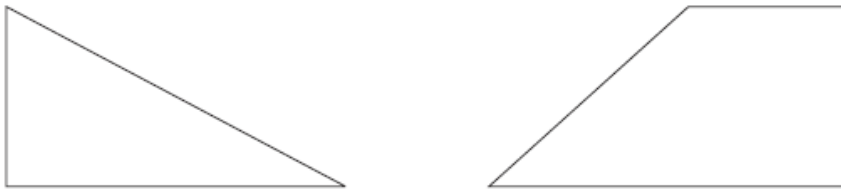

○ A. (3, 1)
○ B. (3, 5)
○ C. (5, 3)

7. How many faces does this solid have?

    ○ A. 4

    ○ B. 5

    ○ C. 6

8. In which way are these two shapes alike?

    ○ A. Both seem to have at least one right angle.

    ○ B. Both have all sides of equal length.

    ○ C. Both have four vertices.
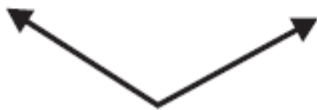
9.

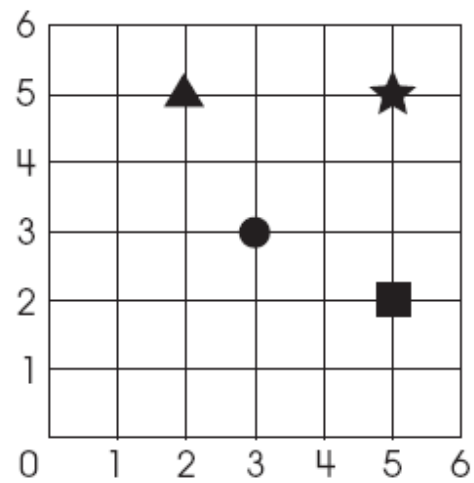Which angle is greater than a right angle?

○ A.

○ B.

○ C.

10. Complete the table below by writing the number of sides and angles for each figure.

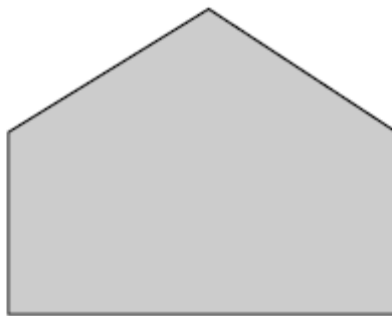| Figure		
Number of Sides		
Number of Angles		

11. Which leaf has a line of symmetry?

○ A.

○ B.

○ C.

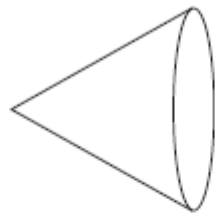12. Which shape is located at the point (5, 2) on the grid?

○ A.   star

○ B.   square

○ C.   triangle

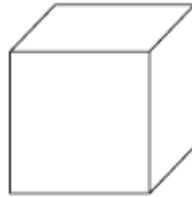13. How many right angles are in this shape?

○ A. 1
○ B. 2
○ C. 3

15. Parker has the 3 objects shown.

Cone   Cube   Cylinder

He chooses one object and describes it as having only 1 vertex and only 1 flat face.

Which object did Parker choose?

O A. cone

O B. cube

O C. cylinder

16. What is the shape of these objects?

O A. cone

O B. cylinder

O C. sphere

15. Amy, Mia and Sam made angles with two pencils.

Amy

Mia

Sam

Who made the angle with the largest measure?

O A. Amy

O B. Mia

O C. Sam