

**Question 24**  
**Benchmark A**  
**March 2008**

Two shapes are shown.

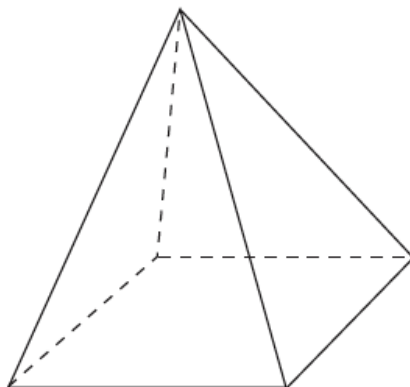


What is the same about both of these shapes?

- A. Both shapes have exactly two lines of symmetry.
- B. Both shapes have at least one line of symmetry.
- C. Neither shape has any lines of symmetry.

**Question 37**  
**Benchmark A**  
**March 2008**

A pyramid is shown.

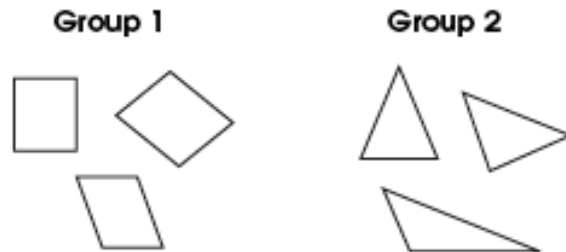


Which sentence describes this pyramid?




- A. The pyramid has 4 faces and 4 edges.
- B. The pyramid has 4 faces and 8 edges.
- C. The pyramid has 5 faces and 8 edges.

**Question 9**  
**Benchmark A**  
**March 2005**

9. Two groups of shapes are shown below.



Which shape belongs in Group 2?

- A. 
- B. 
- C. 

**Question 43**  
**Benchmark A**  
**March 2006**

Monica had 18 books. She shared some books with a friend and had 12 books left.

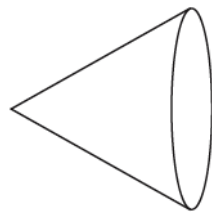
Which number sentence could be used to find the number of books Monica shared?

- A.  $18 - n = 12$
- B.  $12 - 18 = n$
- C.  $18 + 12 = n$

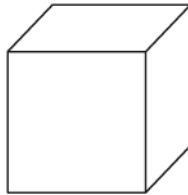
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**Question 9**  
**Benchmark A**  
**Spring 2007**

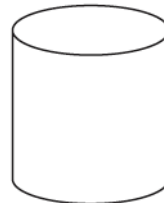
Parker has the 3 objects shown.



**Cone**



**Cube**



**Cylinder**

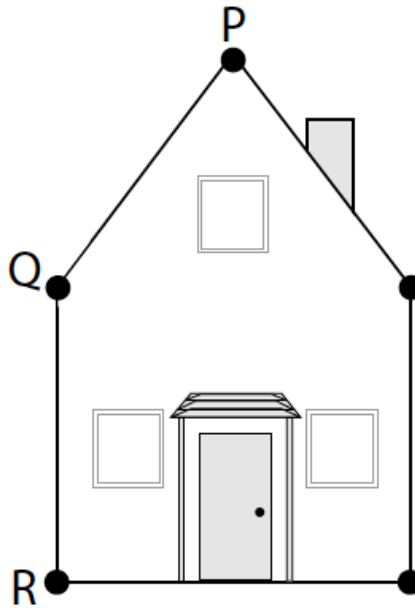
He chooses one object and describes it as having only 1 vertex and only 1 flat face.

Which object did Parker choose?

- A. cone
- B. cube
- C. cylinder

**Question 7**  
**Benchmark D**  
**Spring 2010**

7. A drawing of a house is shown.

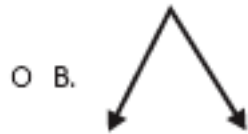


Which angle appears to be smaller than a right angle?

- A. angle P
- B. angle Q
- C. angle R

**Question 13**  
**Benchmark D**  
**March 2005**

13. Which picture shows a right angle?



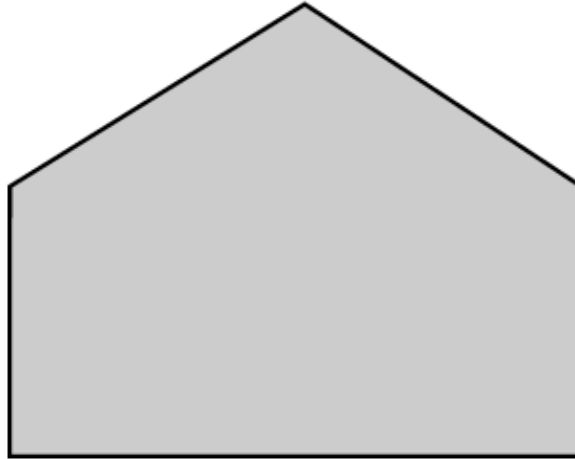
**Question 6**  
**Benchmark D**  
**Fall 2005**

6. Which angle is greater than a right angle?



**Question 6**  
**Benchmark D**  
**Spring 2007**

How many right angles are in this shape?



- A. 1
- B. 2
- C. 3

**Question 14**  
**Benchmark D**  
**Spring 2007**

Amy, Mia and Sam made angles with two pencils.

Amy 

Mia 

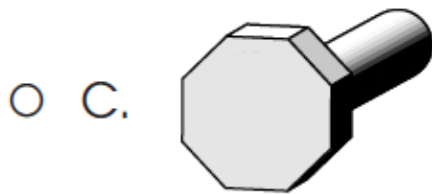
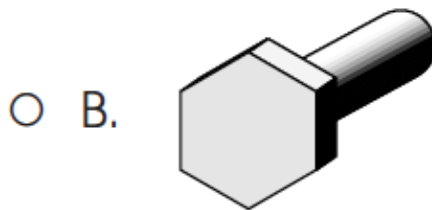
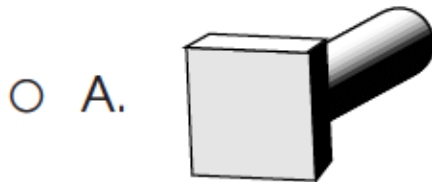
Sam 

Who made the angle with the largest measure?

- A. Amy
- B. Mia
- C. Sam

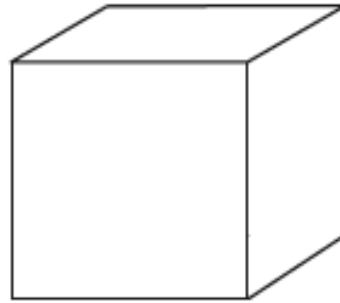
**Question 19**  
**Benchmark E**  
**Spring 2010**

19. Which object has a face that is a hexagon?



**Question 2**  
**Benchmark E**  
**May 2009**

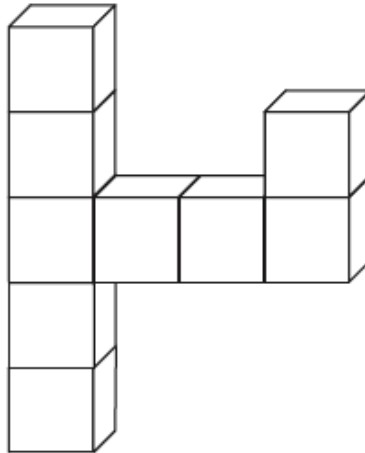
2. What is the shape of each face of the solid?



- A. triangle
- B. pentagon
- C. square

**Question 9**  
**Benchmark E**  
**May 2009**

9. Heather is building the letter "H" with the cube-shaped blocks as shown.

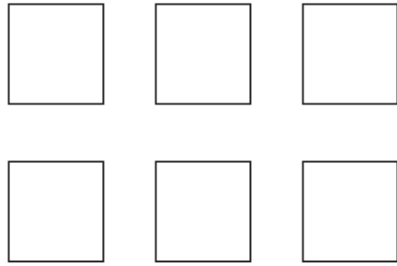


How many more cube-shaped blocks will she need to complete her "H"?

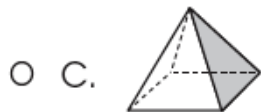
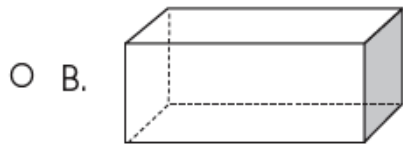
- A. 2
- B. 3
- C. 4

**Question 27**  
**Benchmark E**  
**March 2008**

The six faces of a three-dimensional figure are shown.



Which figure could these faces form?



**Question 19**  
**Benchmark E**  
**March 2005**

19. Steve has the three groups of objects shown below.

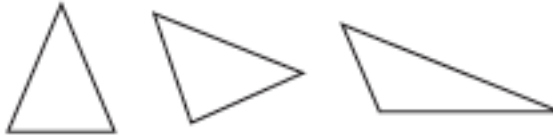


He picks one object from each group. Which is one possible way Steve could have picked the three objects?

- A. 
- B. 
- C. 

**Question 24**  
**Benchmark E**  
**March 2005**

24. A group of triangles is shown below.

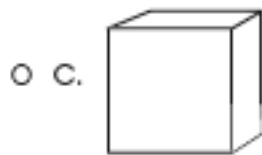
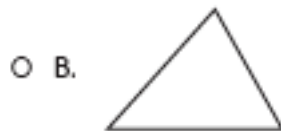
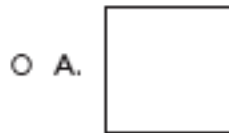


Which is true about all triangles?

- A. All have three angles.
- B. All have four sides.
- C. All are three-dimensional shapes.

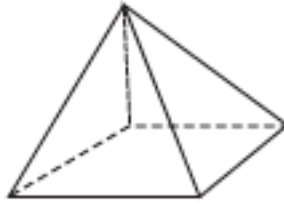
**Question 28**  
**Benchmark E**  
**March 2005**

28. Which shape is three-dimensional?



**Question 43**  
**Benchmark E**  
**March 2005**



43. How many faces does this solid have?



- A. 4
- B. 5
- C. 6

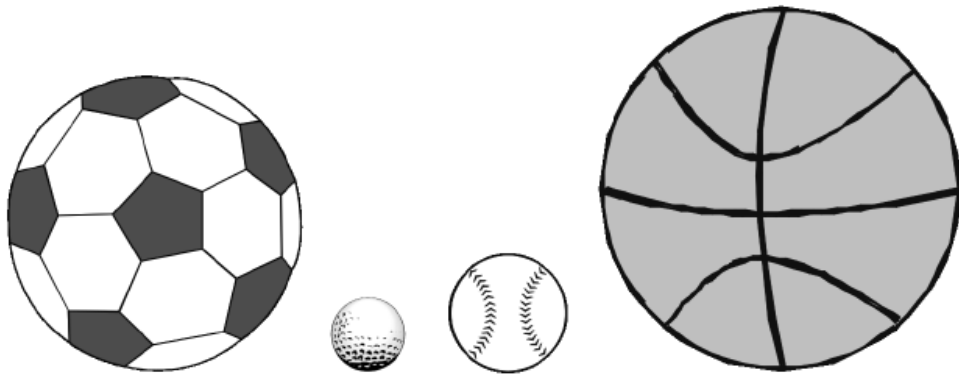
**Question 9**  
**Benchmark E**  
**Fall 2005**

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

Figure		
Number of Sides		
Number of Angles		

**Question 45**  
**Benchmark E**  
**Spring 2007**

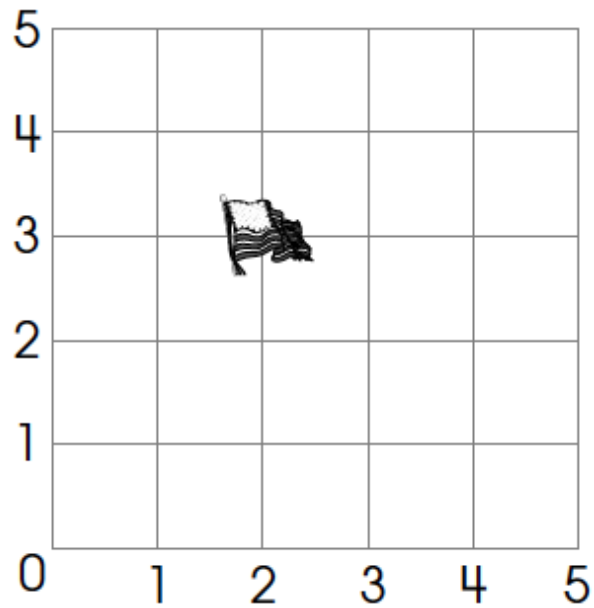
What is the shape of these objects?



- A. cone
- B. cylinder
- C. sphere

**Question 4**  
**Benchmark G**  
**Spring 2010**

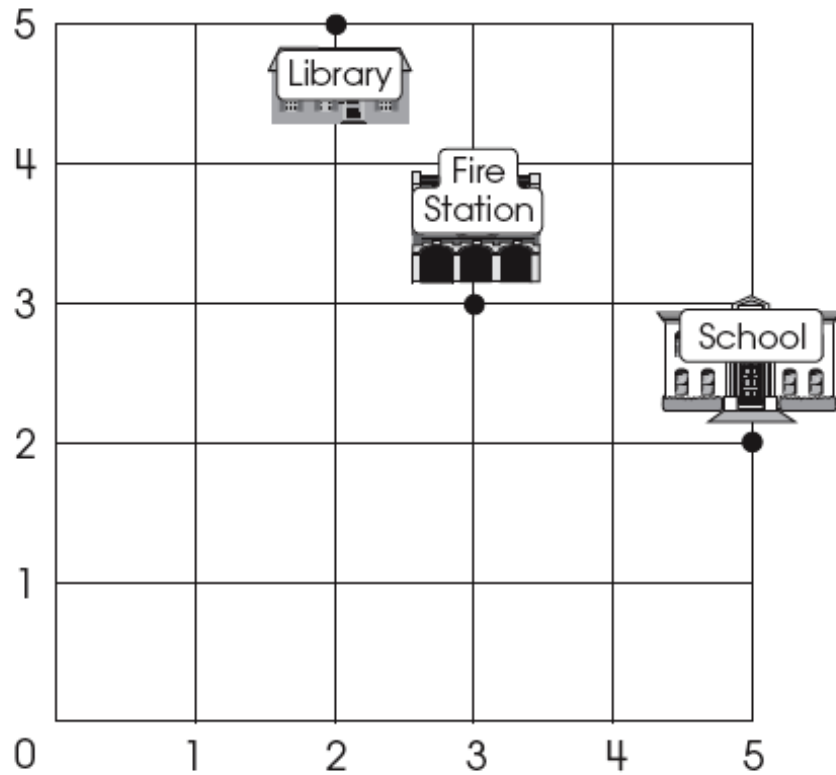
4. What is the location of the flag on the grid?



- A. (3, 2)
- B. (2, 3)
- C. (3, 3)

**Question 13**  
**Benchmark G**  
**May 2009**

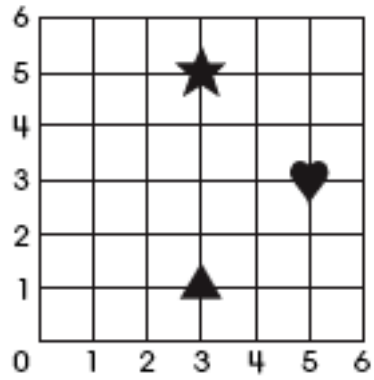
13. Which building is located at point (5, 2)?



- A. school
- B. fire station
- C. library

**Question 40**  
**Benchmark G**  
**March 2005**

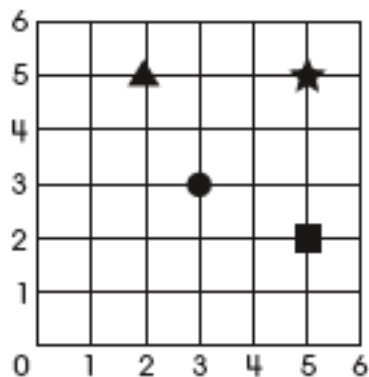
40. What is the location of the star on the grid?



- A. (3, 1)
- B. (3, 5)
- C. (5, 3)

**Question 16**  
**Benchmark G**  
**Fall 2005**

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



- A. star
- B. square
- C. triangle

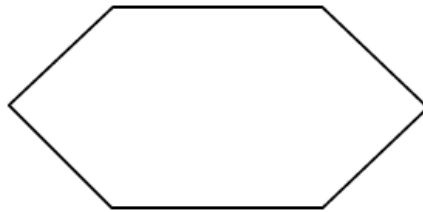
**Question 5**  
**Benchmark G**  
**March 2005**

5. Draw two lines of symmetry for each shape. You may use your ruler.



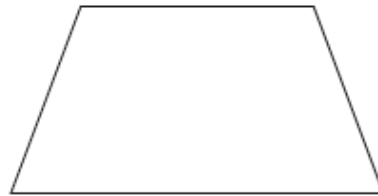
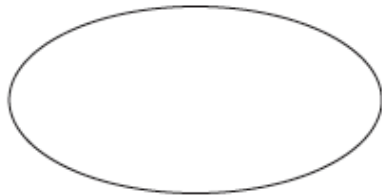
**Question 15**  
**Benchmark H**  
**Spring 2010**

15. Draw two lines of symmetry on this shape. You may use your ruler.



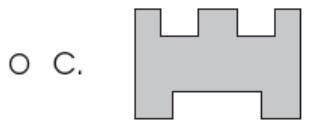
**Question 5**  
**Benchmark H**  
**May 2009**

5. Draw one line of symmetry for each figure below.



**Question 2**  
**Benchmark H**  
**March 2008**

Which figure below has more than one line of symmetry?



**Question 11**  
**Benchmark H**  
**Fall 2005**

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11. Which leaf has a line of symmetry?

