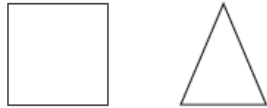


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Question 24
Benchmark A
March 2008

Two shapes are shown.

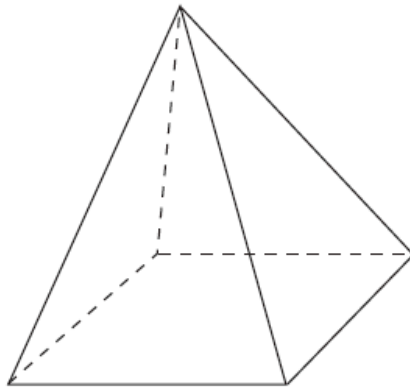


What is the same about both of these shapes?

- 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.

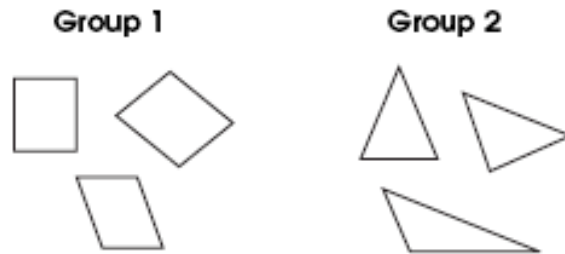


Which sentence describes this pyramid?




- 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.

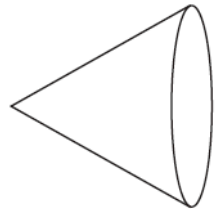
Which number sentence could be used to find the number of books Monica shared?

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

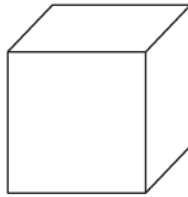
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Question 9
Benchmark A
Spring 2007

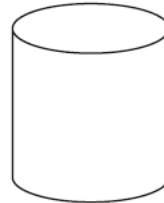
Parker has the 3 objects shown.



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 13
Benchmark D
March 2005

13. Which picture shows a right angle?



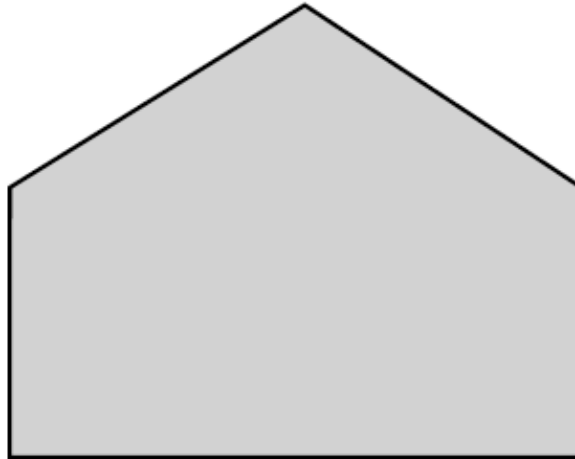
Question 6
Benchmark D
Fall 2005

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

3rd Mathematics Ohio Achievement Tests
Geometry and Spatial Sense Standard

Question 14
Benchmark D
Spring 2007

Amy, Mia and Sam made angles with two pencils.

Amy 

Mia 

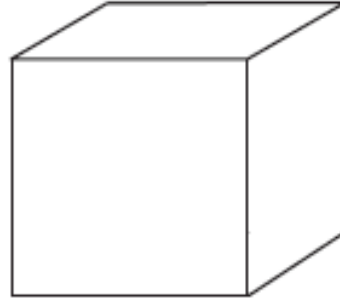
Sam 

Who made the angle with the largest measure?

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

Question 2
Benchmark E
May 2009

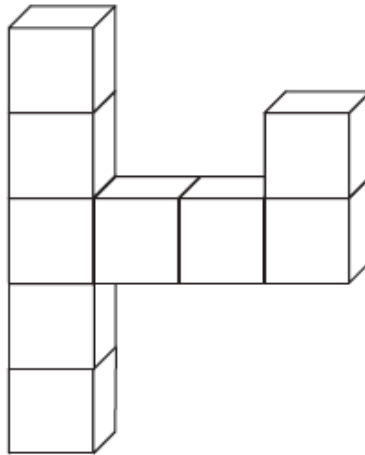
2. What is the shape of each face of the solid?



- 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.

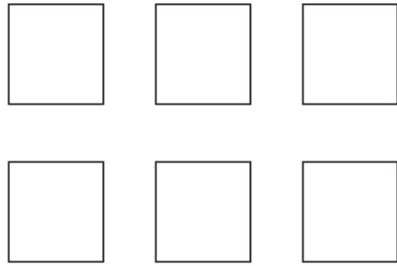


How many more cube-shaped blocks will she need to complete her "H"?

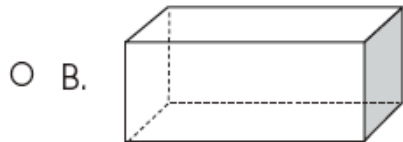
- A. 2
- B. 3
- C. 4

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.

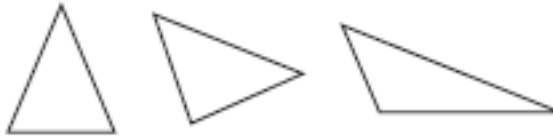


He picks one object from each group. Which is one possible way Steve could have picked the three objects?

- A. 
- B. 
- C. 

Question 24
Benchmark E
March 2005

24. A group of triangles is shown below.

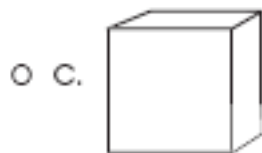
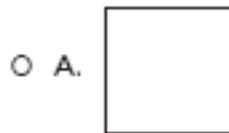


Which is true about all triangles?

- 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

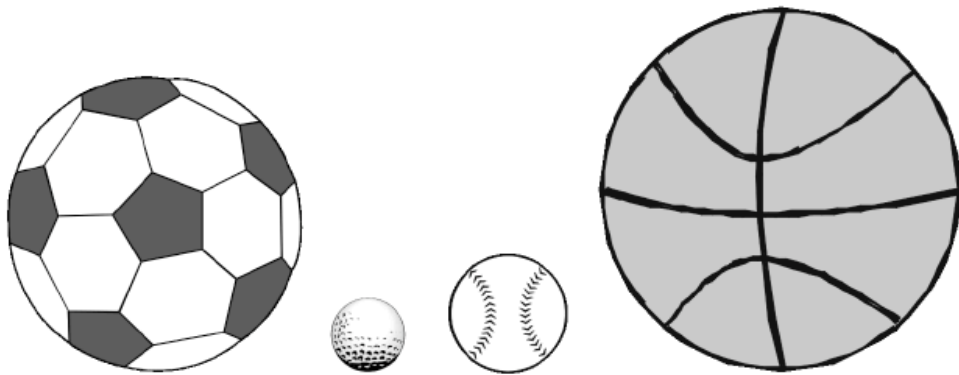
Question 9
Benchmark E
Fall 2005

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

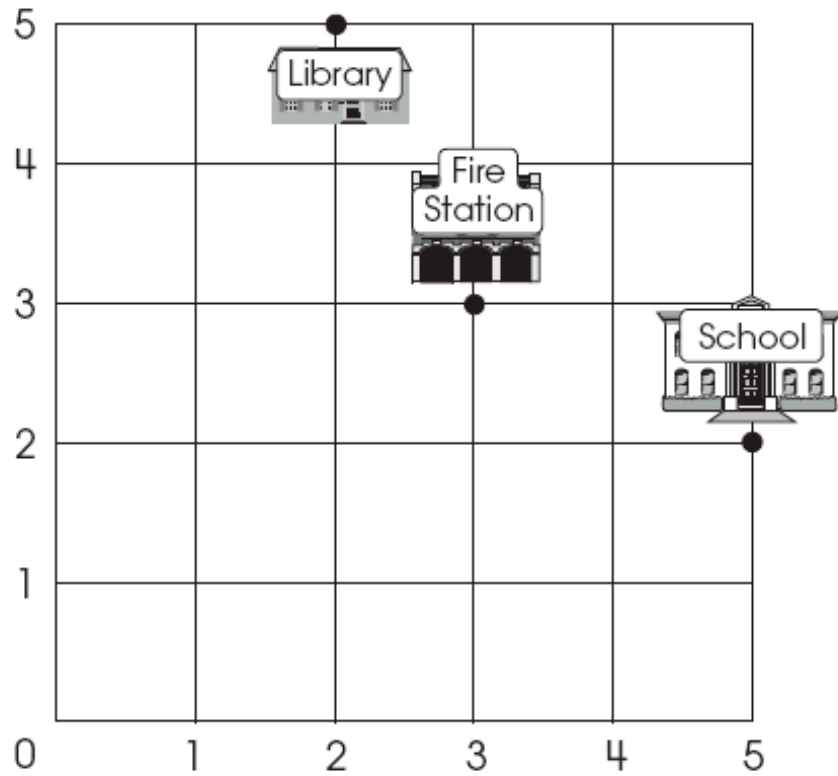
What is the shape of these objects?



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

Question 13
Benchmark G
May 2009

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

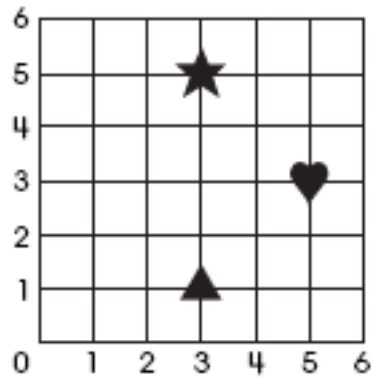


- A. school
- B. fire station
- C. library

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Question 40
Benchmark G
March 2005

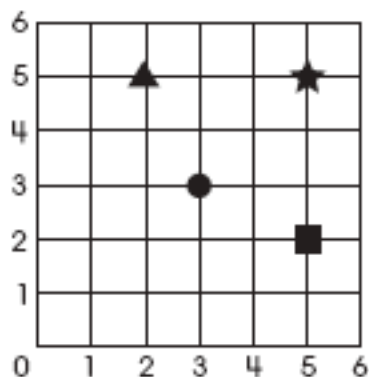
40. What is the location of the star on the grid?



- 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

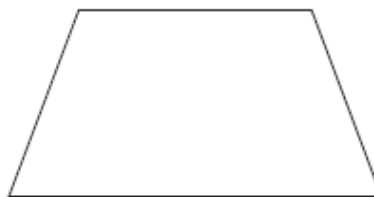
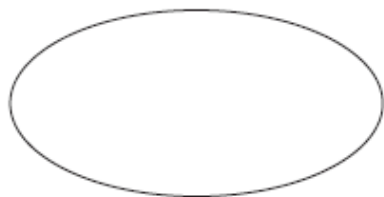
Question 5
Benchmark G
March 2005

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



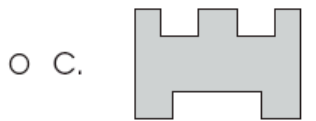
Question 5
Benchmark H
May 2009

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

3rd Mathematics Ohio Achievement Tests
Geometry and Spatial Sense Standard

11. Which leaf has a line of symmetry?

