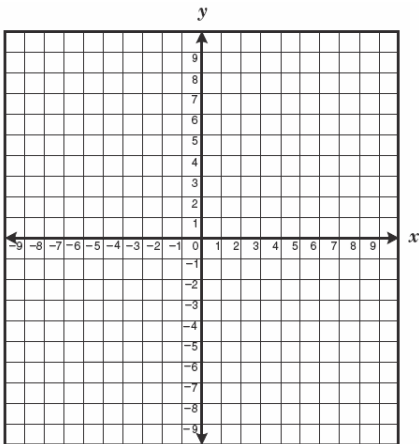


Objective 7 - Page 4 of 6

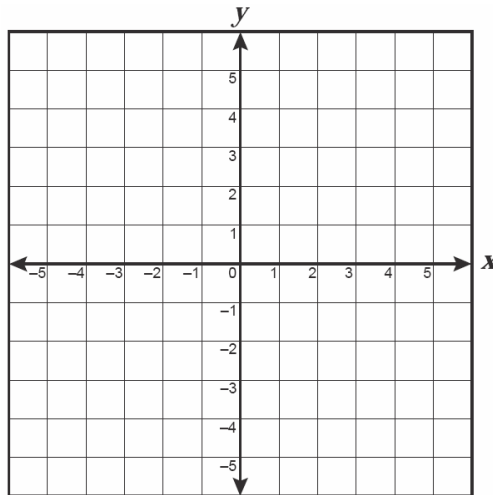
A right triangle has two vertices with coordinates (0, 3) and (4, 1). Which coordinate could be a third vertex of this right triangle?



- A (2, 2)
- B (4, 4)
- C (6, 5)
- D (8, -1)

Feb '06 Obj 7 - # 35

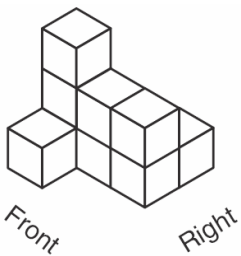
If a line contains the points (1, -1) and (3, 3), which of the following points also lies on this line?



- A (4, 2)
- B (2, 4)
- C (2, 1)
- D (1, 2)

Dec '06 Obj 7 - # 1

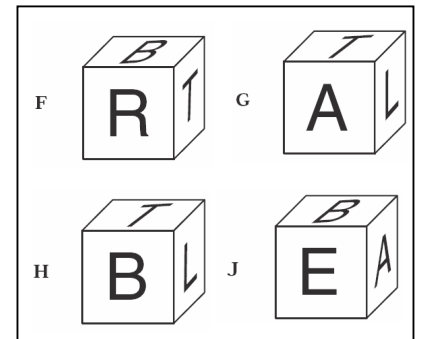
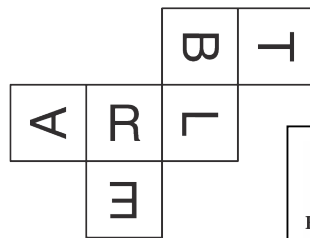
The 3-dimensional figure shown below represents a structure that Corina built with 9 cubes. Which of the following best represents the top view of Corina's 9-cube structure?



- A
- B
- C
- D

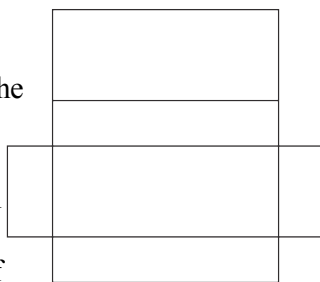
Feb '06 Obj 7 - # 49

The net below can be folded to form a cube. Which cube could be formed from this net?



Dec '06 Obj 7 - # 6

Use the ruler on the Mathematics Chart to measure the dimensions of the net of the rectangular prism shown below to the nearest tenth of a centimeter. Which of the following best represents the dimensions of the rectangular prism?



- F 7.5 cm by 1.5 cm by 3.0 cm
- G 10.5 cm by 1.5 cm by 9.0 cm
- H 10.5 cm by 3.0 cm by 9.0 cm
- J 7.5 cm by 3.0 cm by 3.0 cm

Feb '06 Obj 7 - # 60

Which of the following describes a solid with 1 base and no vertices?

- F Cone
- G Sphere
- H Cylinder
- J Hemisphere

Dec '06 Obj 7 - # 30