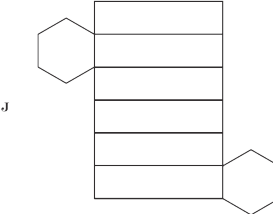
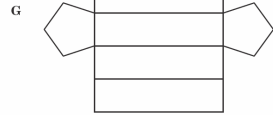
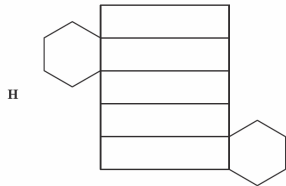
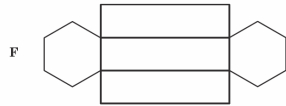
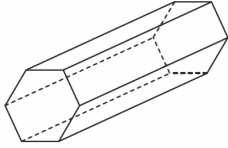


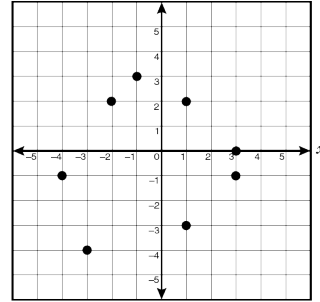
Objective 7 - Page 1 of 6

Which net best represents the hexagonal prism shown below?



July '06 Obj 7 - # 4

Which ordered pairs form the vertices of an isosceles trapezoid?



- A (1, 2), (3, -1), (-3, -4), and (-4, -1)
- B (1, 2), (3, -1), (-4, -1), and (-2, 2)
- C (-1, 3), (3, -1), (-2, 2), and (-4, -1)
- D (-1, 3), (-4, -1), (-2, 2), and (3, 0)

July '06 Obj 7 - # 43

What is the approximate distance between points  $(-7, 2)$  and  $(11, -5)$ ?

- A 18.36 units
- B 19.31 units
- C 18.25 units
- D 8.06 units

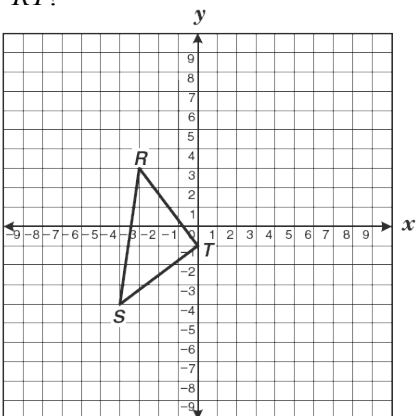
July '06 Obj 7 - # 11

Which of the following 3-dimensional figures is made from a set of points in space that are equidistant from a fixed point?

- A Cylinder
- B Sphere
- C Cube
- D Tetrahedron

July '06 Obj 7 - # 47

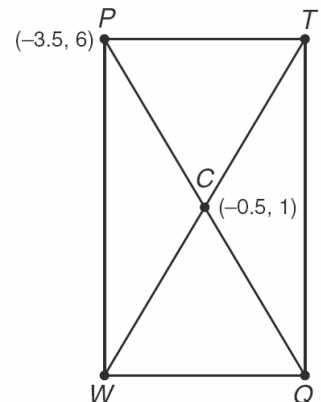
$\triangle RST$  is a right triangle. If the equation of the line containing  $ST$  is  $y = \frac{3}{4}x - 1$ , which of the following best represents the equation of the line containing  $\overline{RT}$ ?



- F  $y = \frac{4}{3}x - 1$
- G  $y = -\frac{4}{3}x - 1$
- H  $y = -\frac{3}{4}x - 1$
- J  $y = \frac{3}{4}x - 1$

July '06 Obj 7 - # 40

The midpoint of the diagonals of rectangle  $PTQW$  is  $(-0.5, 1)$ . The coordinates of  $P$  are  $(-3.5, 6)$ . What are the coordinates of  $Q$ ?



- A  $(-2, 3.5)$
- B  $(-6.5, 11)$
- C  $(-1.5, 2.5)$
- D  $(2.5, -4)$

July '06 Obj 7 - # 57