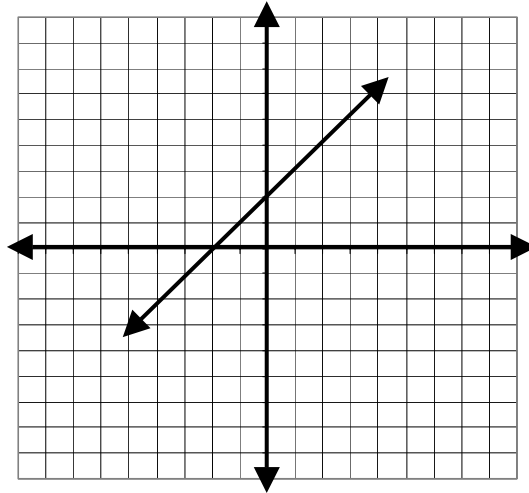


_____ 1.) What is the parent function of the graph below?



_____ 2.) Which has the greatest volume?

- A.) A cylinder with a diameter of 16 cm and a height of 12 cm.
- B.) A pyramid with base dimensions of 18 cm and 14 cm, and a height of 20 cm.
- C.) A sphere with a radius of 8 cm.
- D.) A cone with a radius of 12 cm and a height of 15 cm.

_____ 3.) Find the midpoint of the line segment whose end points are (10,8) and (4,12).

_____ 4.) What are the roots of the quadratic equation $x^2 + 4x - 12 = 0$?

- A.) -2 and 6
- B.) 2 and -6
- C.) 3 and 4
- D.) 3 and -4
- E.) Not Here