

The solutions of a quadratic equation are 1 and  $-3$ . Which of the following equations have these solutions?

$$4x^2 + 8x - 12 = 0$$

$$-0.1x^2 + 0.4x + 90 = 0$$

$$2x^2 + 4x - 6 = 0$$

$$-2x^2 + 2x = 0$$

$$-x^2 + x = 0$$

$$x^2 + 6x + 9 = 0$$