

Solve the equation. Round to the nearest hundredth if necessary.

$$7) 3(x + 3)^2 = 39$$

Solve each equation. Round to the nearest hundredth if necessary.

$$8) 5(x - 1)^2 = 40$$

$$9) 2(y + 4)^2 = 18$$

$$10) 4(c - 5)^2 = 32$$

Solve each equation. Round to the nearest hundredth if necessary.

11)  $3x^2 - 35 = 45 - 2x^2$

12)  $11x^2 + 3 = 5(4x^2 - 3)$

13)  $11\left(\frac{w-7}{2}\right)^2 - 20 = 101$