

Solving a Quadratic Equation Teacher Activity

1. Evaluate: $\sqrt{9}$

2. Solve for x: $x^2 = 9$

3. Solve for x: $4x^2 = 9$

4. Which of the following solutions to #3 are equivalent? Justify your reasoning.

a) $\pm 2x = 3$

b) $2x = \pm 3$

c) $\pm 2x = \pm 3$