

Quadratic Formula - Examples

Date _____

1) $3n^2 - 11n + 6 = 0$

2) $4x^2 - 7x - 30 = 0$

3) $5k^2 + 2k - 19 = 0$

4) $v^2 - 6v - 17 = 0$

$$5) x^2 + 13 = 8x$$

$$6) 3b^2 - 11 = -2b$$

Answers to Quadratic Formula - Examples

$$1) \left\{ 3, \frac{2}{3} \right\}$$

$$2) \left\{ \frac{15}{4}, -2 \right\}$$

$$3) \left\{ \frac{-1 + 4\sqrt{6}}{5}, \frac{-1 - 4\sqrt{6}}{5} \right\}$$

$$4) \{ 3 + \sqrt{26}, 3 - \sqrt{26} \}$$

$$5) \{ 4 + \sqrt{3}, 4 - \sqrt{3} \}$$

$$6) \left\{ \frac{-1 + \sqrt{34}}{3}, \frac{-1 - \sqrt{34}}{3} \right\}$$