

Quadratic Formula

Date _____

How do you solve quadratic equations when you can not factor? Use the Quadratic Formula

1) $2a^2 + 9a - 18 = 0$ (factoring and quadratic formula)

2) $4r^2 + 9 = 8 + 4r$ (factoring and quadratic formula)

$$3) 2x^2 + 10x + 11 = 0$$

$$4) 2x^2 - 12x + 3 = 0$$

$$5) 8x^2 + 4x + 4 = 5$$

$$6) 12r^2 - 5 = 11r^2 + 6r$$

7) $9n^2 + 10n = 21$ (rounded to nearest tenth)