

Math 2201 June 1 to June 5, Extra Credit Assignment on the quadratic formula

Name: _____

Solve the following by using the quadratic formula.

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Remember 1) all equations must be in standard form first 2) if the equation is NOT in terms of x

such as $r^2 - 6r + 3 = 0$ You must begin with $r = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ and not starting with $x =$.

1) $2a^2 = 54 + 3a$

2) $6p^2 - 46 = -11p$

3) $2x^2 - x - 7 = 0$

4) $4x^2 - 7x - 80 = -11x$

$$5 \quad 9x^2 - 2x = 1$$

$$6) \quad -2x(x-1) = -5 - x$$

End June 2020. I hope you had a good year. Take care and good luck with your studies in the fall.