

# Trig Review Quiz 0 A

Simplify each expression or the radical in #1-7.

\_\_\_\_\_ 1.  $9(2n - 4) - (15n - 2)$

\_\_\_\_\_ 2.  $(n + 5)^2$

\_\_\_\_\_ 3.  $(2n^5)^3$

\_\_\_\_\_ 4.  $(5x^2 + 3x)(2x^2 - 3x - 1)$

\_\_\_\_\_ 5.  $(2n^3y^4)^2 + n(n^5)y^8$

\_\_\_\_\_ 6.  $\sqrt{-90a^4}$

\_\_\_\_\_ 7.  $\frac{3 \pm \sqrt{-27}}{3}$

\_\_\_\_\_ 8. Solve by factoring:  $x^2 - 10x + 21 = 0$

\_\_\_\_\_ 9. Solve by factoring:  $2x^2 + 21x + 10 = 0$

\_\_\_\_\_ 10. What is the quadratic formula? (Put answer in blank, not below.)

I will start you off:  $x = \frac{-b}{\text{_____}}$