

Trig Review Quiz 5

Name: _____

Simplify each expression or the radical in #1-5.

_____ 1. $\sqrt{-40}$

_____ 2. $(n - 3)^2$

_____ 3. $(2n^5)^4$

_____ 4. $(x^2 + 2)(x^2 - 3)$

_____ 5. $\sqrt{-100a^5}$

_____ 6. Factor $7x^5y^3 + 21x^3y^2$

_____ 7. Factor $x^3 + x + 5x^2 + 5$

_____ 8. Factor: $x^3 + 27$

_____ 9. Solve $(x - 2)(x - 8) = 0$

_____ 10. What is the quadratic formula?