

Trig Review Quiz 0 E

Name: _____

Simplify each expression or the radical in #1-8.

_____ 1. $10(2n - 4) - (15n - 2)$

_____ 2. $(n + 1)^2$

_____ 3. $(an^5)^3$

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

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

_____ 6. $\sqrt{-80a^4}$

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

_____ 8. $\sqrt[3]{27n^4y^7}$

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

_____ 10. Solve by factoring: $x^2 - x - 20 = 0$