

## Quiz Review

1) Simplify:  $-\sqrt{32}$

2) Simplify:  $\sqrt[3]{6x^7}$

3)  $3x^2 - 30x + 75 = 0$  Complete the Square to write in vertex form

4) Rewrite with exponents & Simplify  $\sqrt[4]{9}$

5) Rewrite with exponents & Simplify  $\sqrt[6]{13^5}$

6) Solve  $x^2 - 8x = -5$

7) Rewrite w/ exponents  $15\sqrt{x}$

8) Rewrite w/ radicals + simplify  $(3x^4y^{-2})^{-1/2}$

9) Simplify:  $\pm\sqrt{-20}$

10) Rewrite w/ Radicals  $4x^{2/5}$

11) Solve:  $3x^2 + 8x + 17 = 0$