

## Quiz 4.5-4.8 Topics

## 4.5 - Radicals / Solving

↳ reduced radicals

↳ rationalize the denom

↳ solve by taking square roots

## 4.6 - Imag. stuff

↳  $i = \sqrt{-1}$ ;  $i^2 = -1$

↳ rationalize

↳ solving with square roots

## 4.7 - Completing the square

↳ picking perfect  $c = \left(\frac{b}{2}\right)^2$

↳ solve by completing the square

↳ watch for  $i$

## 4.8 - Quadratic formula

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

↳ discrim. =  $b^2 - 4ac$