


#5 ~ Sect. 9.7: Factoring the Difference of Squares (objective 2)

Rule:

$$a^2 - b^2 = (a + b)(a - b)$$

Ex. 1: Factor.

$$a^2 - 16$$



When factoring, ALWAYS
look to see if you can
factor out a GCF before you
do anything else!!

Ex. 2: Factor.

$$9b^2 - 225$$

Ex. 3: Factor.

$$5x^2 - 80$$