

MTH 65 – Graded Homework 11

Due: End of class

Name _____

1. Use the zero property to find all solutions to each equation. Make sure that you show work consistent with that illustrated and discussed in class.

a. Solve $x^2 - 16 = 0$.

b. Solve $2x^2 = 7x + 4$.

c. $x^2 - 17x = 0$

2. Completely factor each expression.

a. $x^6 - 64$

b. $8x^3 + 16x^2 - 18x - 36$