

Quiz 2B: Quadratic equations

MATH 1110, FALL 2017

NAME:

1. Use factoring to solve the following equations.

(a) (3 points) $6u = u^2$

(b) (3 points) $9x^2 - 64 = 0$

(c) (4 points) $8x^2 - 14x = 9$

(d) (2 points) Use multiplication to check your work on part (c).

2. (8 points) Use completing the square to solve $x^2 - 8x + 13 = 0$.