

Business PreCalculus MATH 1643 Section 004, Spring 2014
Homework 12: Due 2/19/2014

- 1- Find an equation of the line whose x -intercept is 5 and y -intercept is 6.

- 2- Find the slope and y -intercept from the equation of the line:
 - a. $2x + 3y = 5$.

 - b. $2x - y + 3 = 0$.

- 3- Determine whether each pair of lines are parallel, perpendicular, or neither:
 - a. $x = 4y + 8$ and $2x - 8y + 3 = 0$.

 - b. $21x + 3y = 7$ and $x - 7y = 0$.

- 4- Find the equation of the line in standard form satisfying the following:
 - a. Parallel to $2x + y = 1$; passing through $(1, -1)$.