Regents Exam Questions A.G.7: Solving Linear Systems www.jmap.org

## A.G.7: Solving Linear Systems: Graph and solve systems of linear equations and inequalities with rational coefficients in two variables

1 On the grid below, solve the system of equations graphically for *x* and *y*.

$$4x - 2y = 10$$

$$y = -2x - 1$$



2 On the set of axes below, solve the following system of equations graphically. State the coordinates of the solution.

y = 4x - 1

$$2x + y = 5$$

Name:

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