Algebra I Class Work 6.4

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: You may use your book, notes, calculator, friends, and teacher. However you may not copy someone else work verbatim. **Show all your work.** If you are not finished at the end of class, write “NEED MORE TIME” at the top and turn your paper in – **you may not take it home.** You have one week to finish it.

Write the equation of the line with the given slope and y-intercept.

1. $m = 4; (0,-2)$
2. $m=\frac{1}{2};\left(0,8\right)$

Write the equation of the line passing through the given point with the given slope.

1. $\left(-2, 0\right);m=5$

Write the equation of the line passing through the given points.

1. $\left(-1, 2\right), \left(4, 7\right)$