Algebra I Class Work 6.5

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.

State the negative reciprocal of each number.

1. -2
2. $\frac{3}{4}$

State the slope of a line parallel to the give line.

1. $y=2x+2$

State the slope of a line perpendicular to the given line.

1. $y=-5x-2$