Pre-Algebra Class Work 9.7

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.

Determine if the table displays values representing direct variation. If so, find the constant of variation and write the equation.

1. X 1 2 3 4 5

 Y 6 12 18 24 30

1. X 1 2 3 4 5

 Y 5 10 12 10 5

Graph the following variations.



1. $y=3x$



1. $y=\frac{1}{2}x$