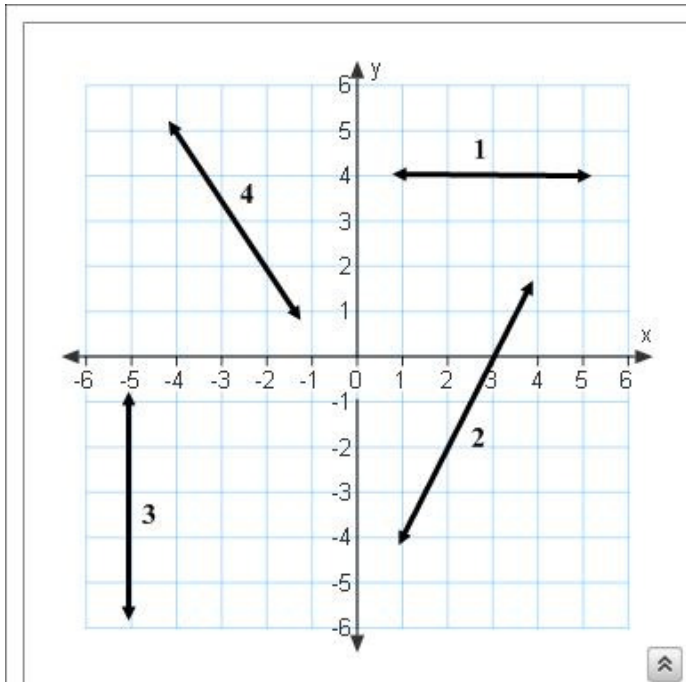Practice Worksheet for Lessons 13-2 and 13-3   Name:

Mailbox #:

Find the slope of each line

1)

2)

3)

4)

Find the slope of the lines through the given points

5) (4, 1)(-1, -7)   6) (0, 1)(-6, 3)

7) A line with a slope of $\frac{1}{2}$ passes through points (2, 1) and (6, y). What is the coordinate of y?

8) Given points P(-4, 1), Q(2, 3), R(4, 9), S(-2, 7)

a) Find the slopes of each side of quadrilateral PQRS. Is it a parallelogram?

b) Find the slopes of the diagonals of quadrilateral PQRS. Is it a rhombus?