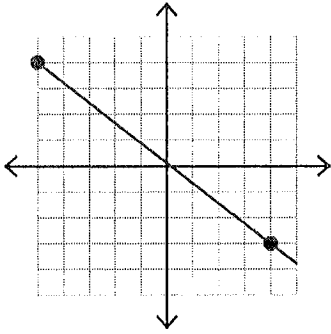


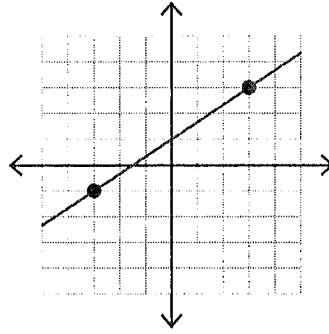
Finding Slope From a Graph

Find the slope of each line.

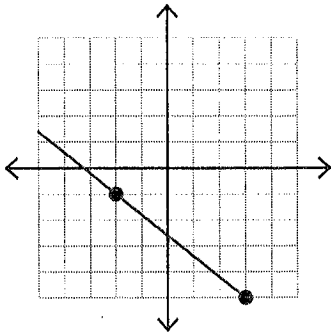
1)



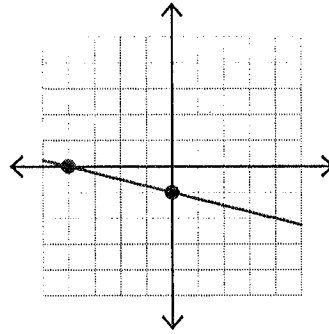
2)



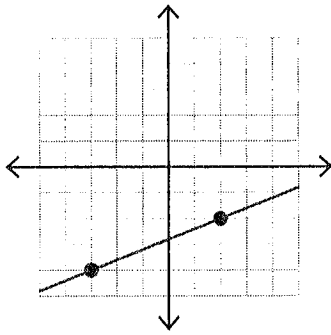
3)



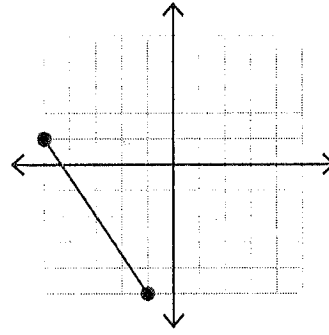
4)



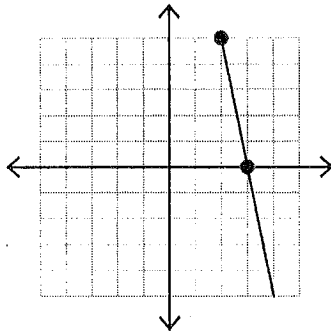
5)



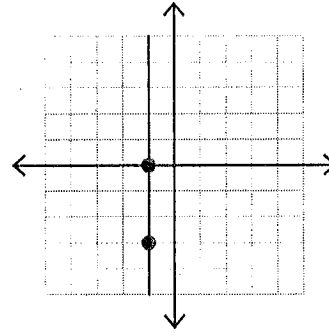
6)



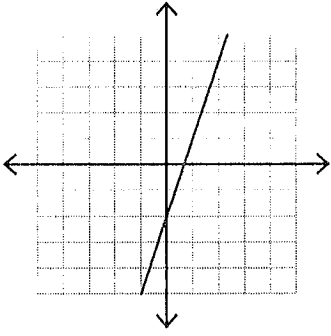
7)



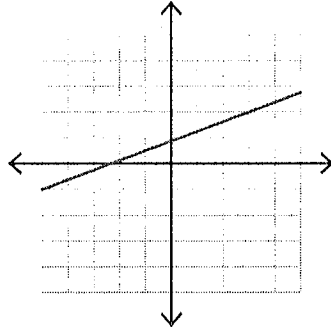
8)



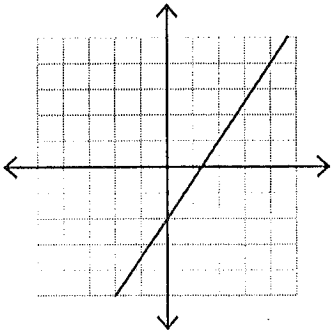
9)



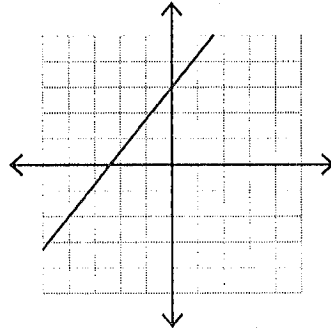
10)



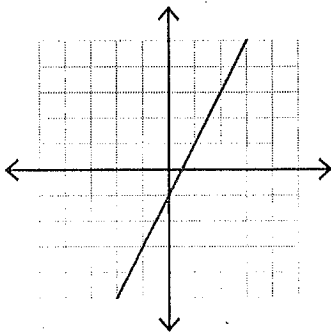
11)



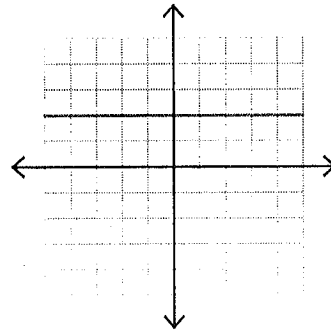
12)



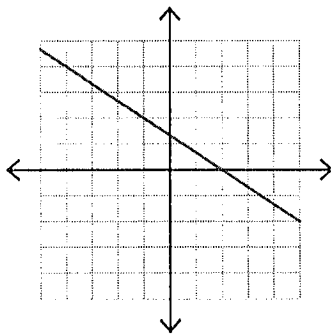
13)



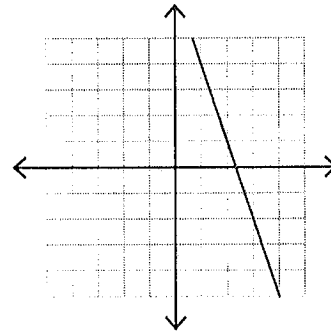
14)



15)



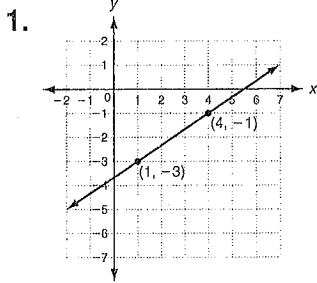
16)



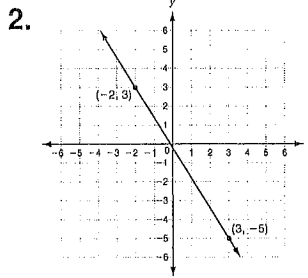
LESSON
5.3

Practice C
Rate of Change and Slope

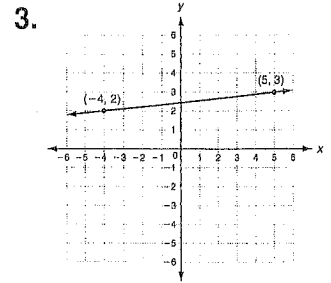
Find the slope of each line.



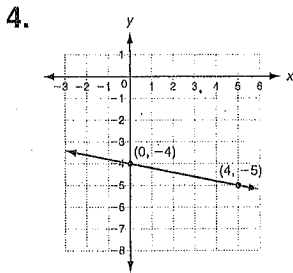
slope = _____



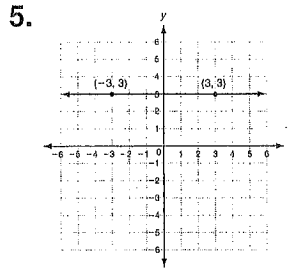
slope = _____



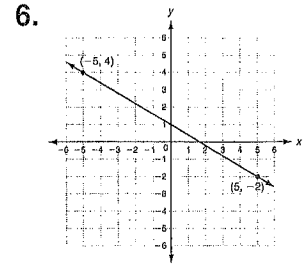
slope = _____



slope = _____

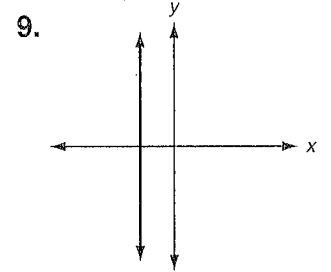
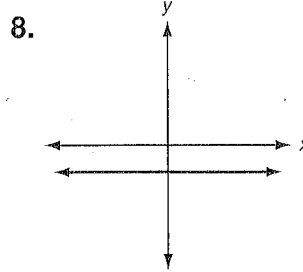
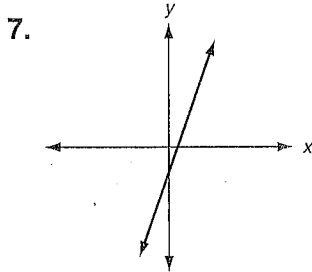


slope = _____



slope = _____

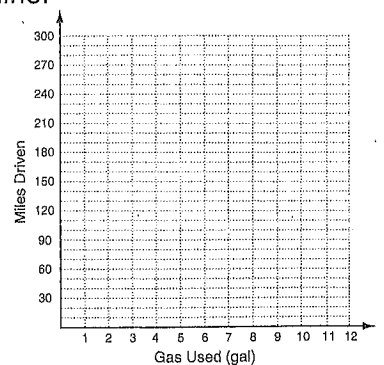
Tell whether the slope of each line is positive, negative, zero, or undefined.



10. The table shows the distance a car drove on one tank of gasoline.

Miles driven	0	60	150	170	230	260
Gas Used (gal)	0	2	5	6	9	11

- Graph the data and show the rates of change.
- The rate of change represents the gas mileage in miles per gallon. Between which two measurements was the car's gas mileage least?

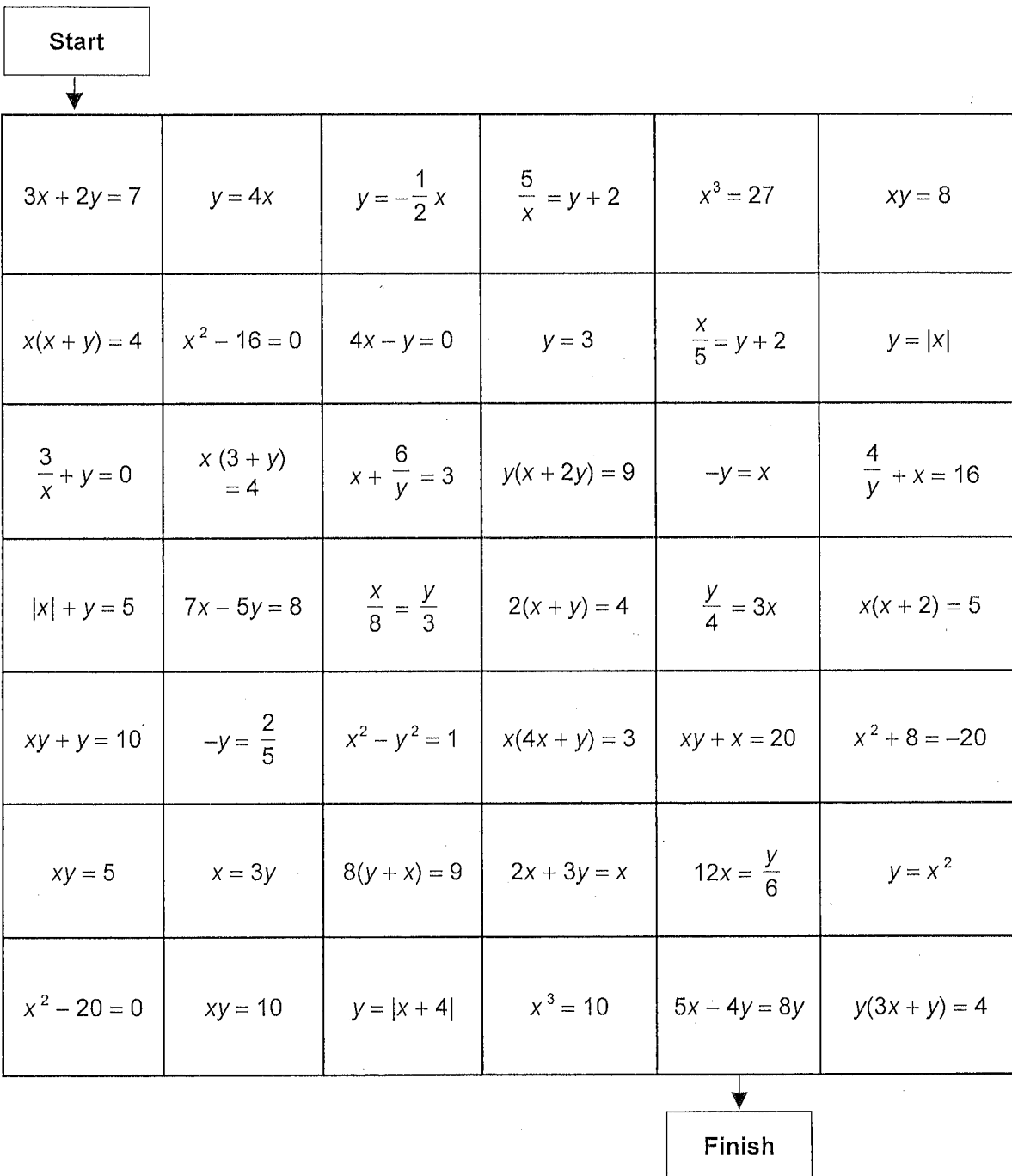


LESSON
5-1

Challenge
Identifying Linear Functions

Linear functions are functions that can be written in the form $Ax + By = C$ where A , B , and C are real numbers and A and B are not both 0.

Follow a path from start to finish in the maze below. Each box you cross through must be a linear function. You may move horizontally or vertically.

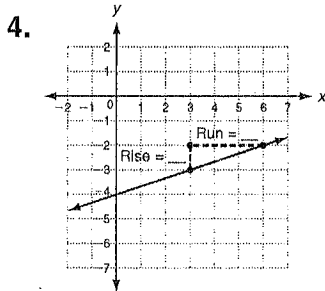


LESSON
5-3 **Practice A**
Rate of Change and Slope

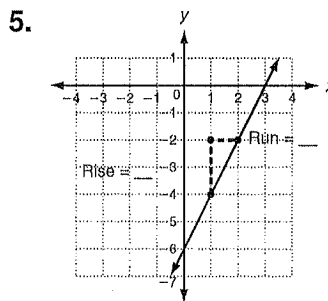
Fill in the blanks to define slope.

1. The _____ is the difference in the y -values of two points on a line.
2. The _____ is the difference in the x -values of two points on a line.
3. The slope of a line is the ratio of _____ to _____ for any two points on the line.

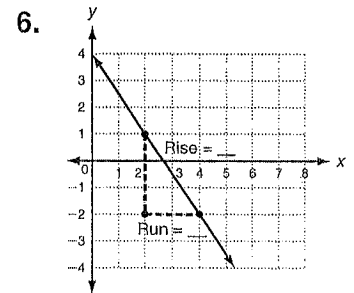
Find the rise and run between each set of points. Then, write the slope of the line.



slope = _____

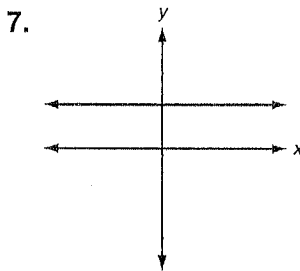


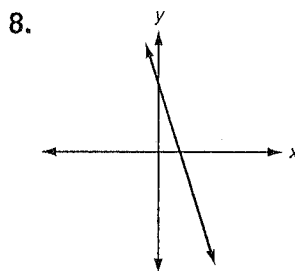
slope = _____

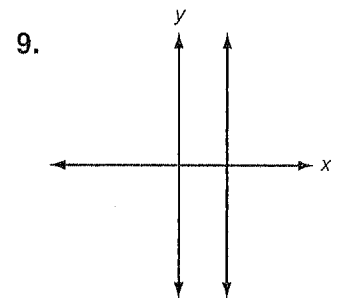


slope = _____

Tell whether the slope of each line is positive, negative, zero, or undefined.







10. The table shows a truck driver's distance from home during one day's deliveries. Find the rate of change for each time interval.

Time (h)	0	1	4	5	8	10
Distance (mi)	0	35	71	82	199	200

Hour 0 to Hour 1: _____ Hour 1 to Hour 4: _____ Hour 4 to Hour 5: _____

Hour 5 to Hour 8: _____ Hour 8 to Hour 10: _____

The rate of change represents the average speed. During which time interval was the driver's average speed the least? _____