CC8

Name_____

Post Assessment Review Day 1

Date_____ Period_____
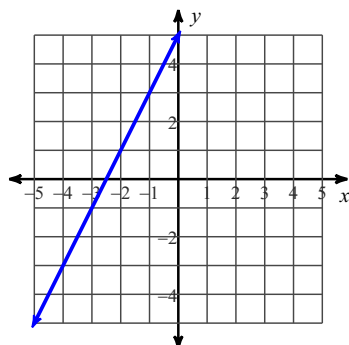
Find the slope of each line.
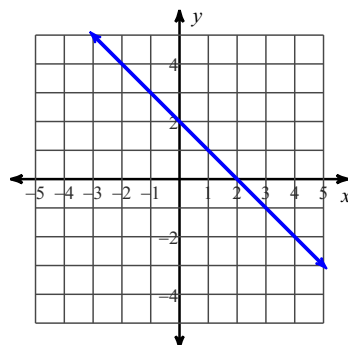
1)
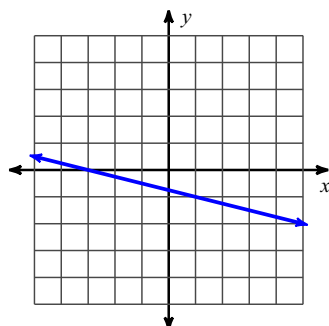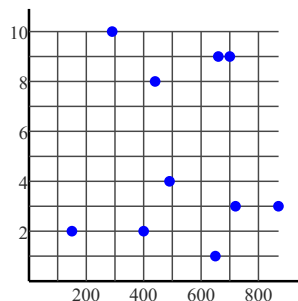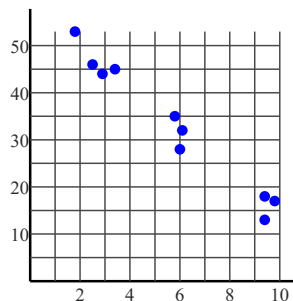
2)
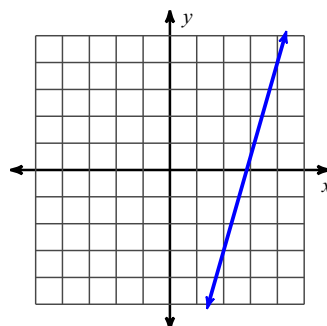
Write the equation of each line.

3)

4)

State if there appears to be a positive correlation, negative correlation, or no correlation.

5)

6)

Simplify.

7) $\sqrt{288}$

8) $\sqrt{112}$

Do the three sides form a right triangle?

9) $8\sqrt{3}, \ 8, \ 16$

10) $2\sqrt{21}, \ 5, \ 10$

Solve each equation.

11) $245 = 6n + 7(1 + 4n)$

12) $-6(x + 7) = 5x + 13$

Answers to Post Assessment Review Day 1

1) $-\dfrac{1}{4}$

2) $\dfrac{7}{2}$

3) $y = 2x + 5$

4) $y = -x + 2$

5) No correlation

6) Negative correlation

7) $12\sqrt{2}$

8) $4\sqrt{7}$

9) Yes

10) No

11) $\{7\}$

12) $\{-5\}$