Slope & Intercepts   Name_____Pd____
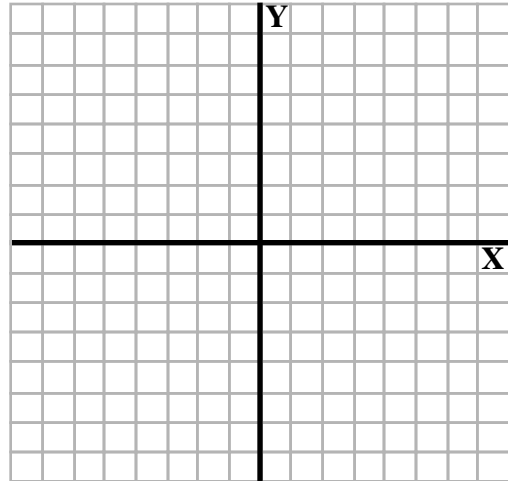
For each of the equations, answer the following questions.

1) Y = X - 3

   a) Complete the table and graph.

x	y

   b) What is the slope of the line?

   c) Does the graph increase or decrease?

   d) What is the x-intercept?

   e) What is the y-intercept?

2) Y = -3X +1

   a) Complete the table and graph.

x	y

   b) What is the slope of the line?

   c) Does the graph increase or decrease?

   d) What is the x-intercept?

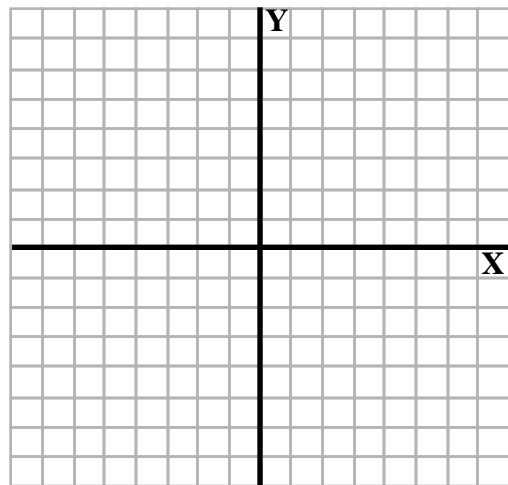   e) What is the y-intercept?

3) Y = -5X + 9

   a) Complete the table and graph.

x	y

   b) What is the slope of the line?

   c) Does the graph increase or decrease?

   d) What is the x-intercept?

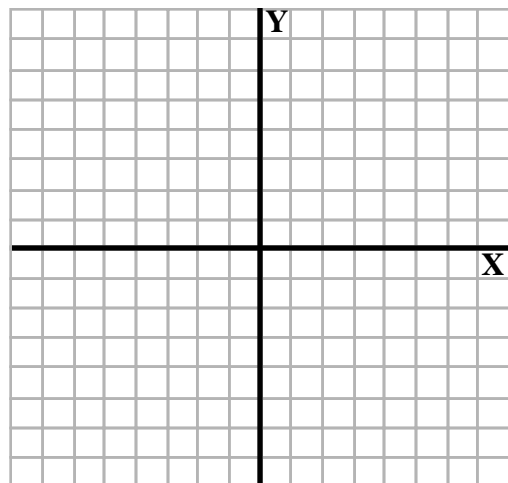   e) What is the y-intercept?

4) X + Y = -2
 a) Solve for Y.

 b) Complete the table and graph.

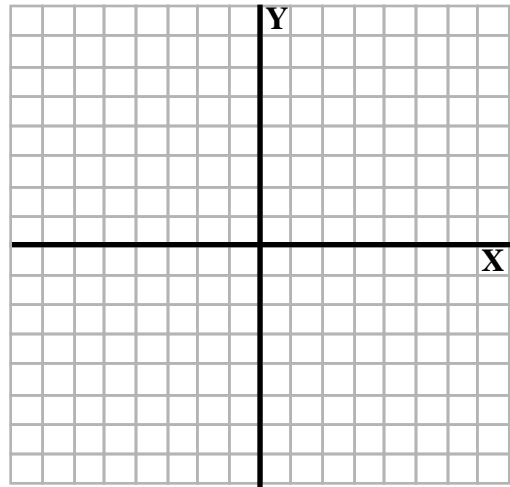| x	y

 c) What is the slope of the line?

 d) Does the graph increase or decrease?

 e) What is the x-intercept?

 f) What is the y-intercept?

5) -2X + 2Y = 4
 a) Solve for Y.

 b) Complete the table and graph.
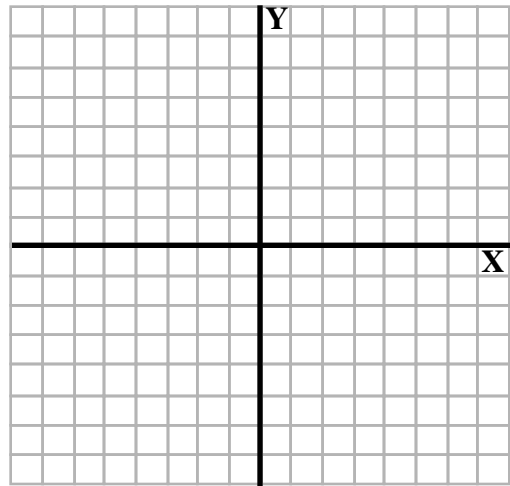
x	y

 c) What is the slope of the line?

 d) Does the graph increase or decrease?

 e) What is the x-intercept?

 f) What is the y-intercept?

6) X + 3Y = 6
 a) Solve for Y.

 b) Complete the table and graph.

x	y

 c) What is the slope of the line?

 d) Does the graph increase or decrease?

 e) What is the x-intercept? y-intercept?