G5-M6-Lesson 8
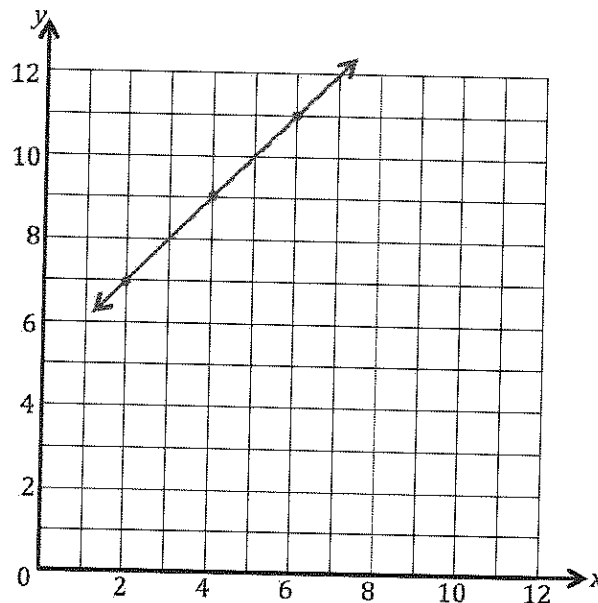
Complete this table such that each y-coordinate is 5 more than the corresponding x-coordinate.

x	y	(x, y)
2	7	$(2, 7)$
4	9	$(4, 9)$
6	11	$(6, 11)$

> I choose coordinate pairs that satisfy the rule and will fit on the coordinate plane.

a. Plot each point on the coordinate plane.

b. Use a straightedge to construct a line connecting these points.

c. Give the coordinate of 3 other points that fall on this line with x-coordinates greater than 15.

$(17, 22)$ $\left(20\frac{1}{2}, 25\frac{1}{2}\right)$ $(100, 105)$

> Although I can't see these points on the plane, I know they will fall on the line because each y-coordinate is 5 more than the x-coordinate.