

6.3 Warm Up

1. Describe the pattern between the x -values and the y -values.

x	y
2	10
3	15
7	35

2. What do you notice about these points: $(3, 8)$, $(7, 8)$, and $(-2, 8)$?

3. Complete the table of values for each linear equation.
Plot the points on the grid.

a) $y = 2x + 3$

b) $y = -3x + 6$

x	y	(x, y)
-2		
-1		
0		
1		
2		

x	y	(x, y)
-2		
-1		
0		
1		
2		

$$\begin{aligned}
 y &= 2x + 3 \\
 &= 2 \times (-2) + 3 \\
 &= -4 + 3 \\
 &= \underline{\hspace{2cm}}
 \end{aligned}$$

