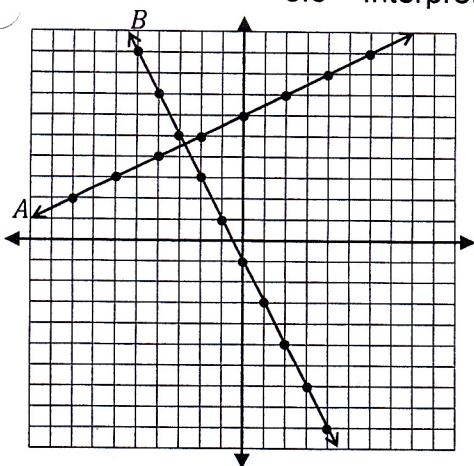


6.3 – Interpreting Graphs



1. On A , what is the value of y when $x = 2$? 7
2. On A , what is the value of x when $y = 6$? 0
3. On A , what is the value of y when $x = -8$? 2

4. What is the slope of line A ? $\frac{1}{2}$
5. What is the y -intercept of line A ? 6
6. What is the equation of line A ? $y = \frac{1}{2}x + 6$
7. On B , what is the value of y when $x = 1$? -3
8. On B , what is the value of y when $x = -3$? 5
9. What is the slope of line B ? -2
10. What is the y -intercept of line B ? -1
11. What is the equation of line B ? $y = -2x - 1$
12. If $(4, y)$ is a solution to the equation $3x + 2y = 4$, what is the value of y ?

$$\begin{aligned}
 3(4) + 2y &= 4 \\
 12 + 2y &= 4 \\
 2y &= -8 \\
 y &= -4
 \end{aligned}$$