

Graphing Linear Equations

Date _____

Write the slope-intercept form of the equation of each line.

1) $3x + y = -5$

2) $5x + 8y = 64$

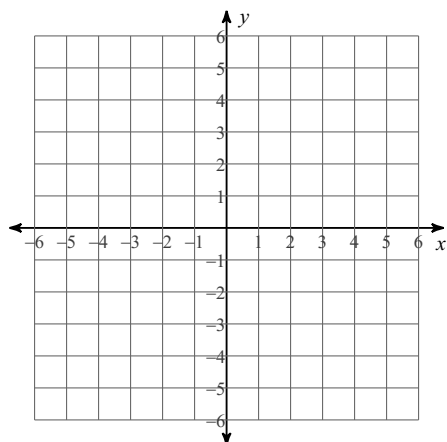
3) $y + 1 = -(x + 3)$

4) $y + 5 = -10(x - 1)$

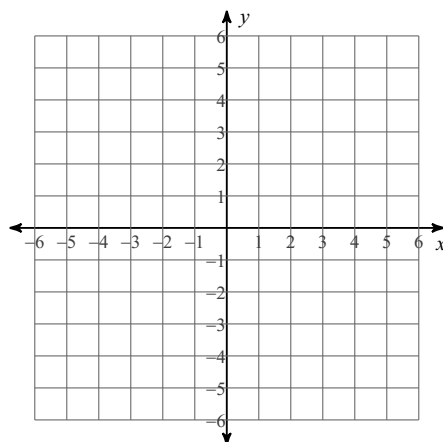
5) $y + 1 = -(x - 3)$

Sketch the graph of each line.

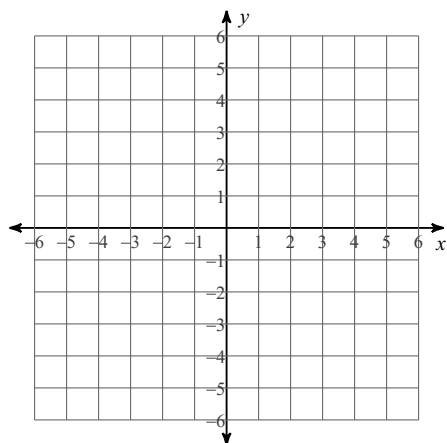
6) $y = -3$



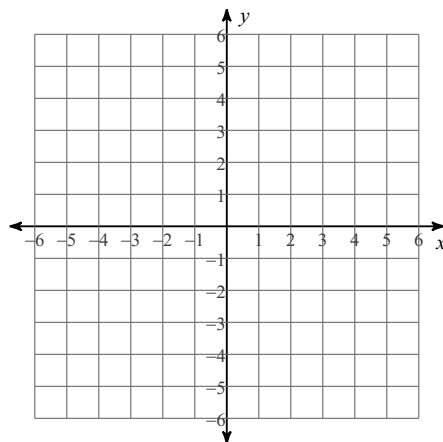
7) $x = 2$



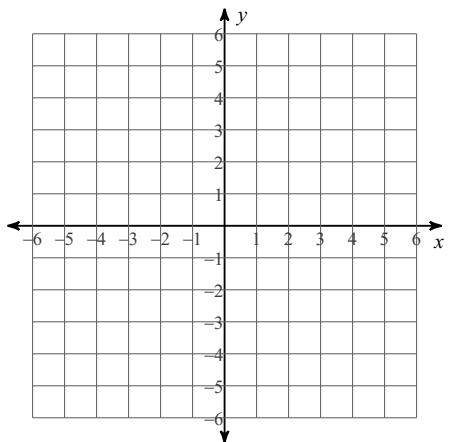
8) $y = \frac{1}{2}x + 4$



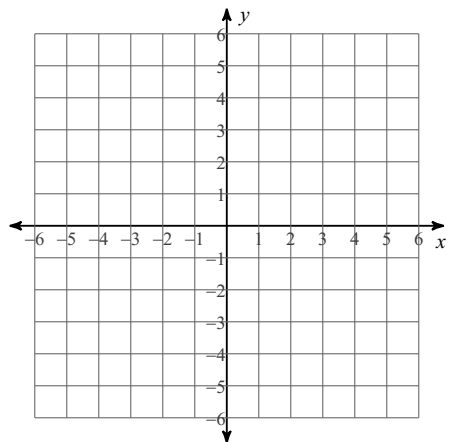
9) $y = -9x - 5$



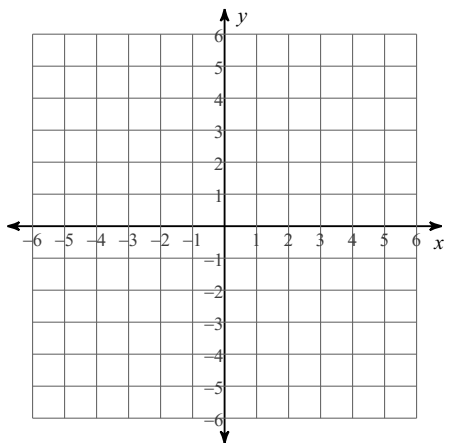
10) $y = \frac{5}{4}x - 5$



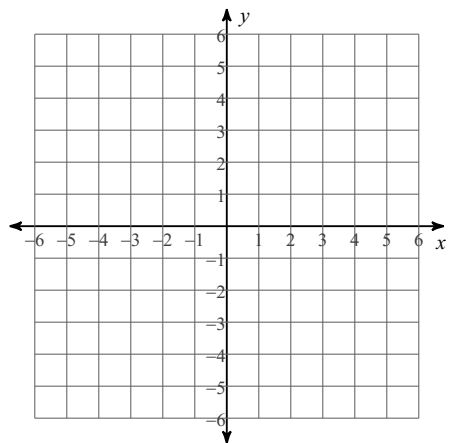
11) $y = -\frac{8}{3}x + 4$



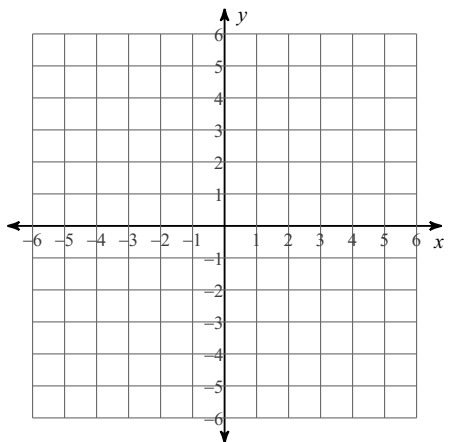
12) $y = 3$



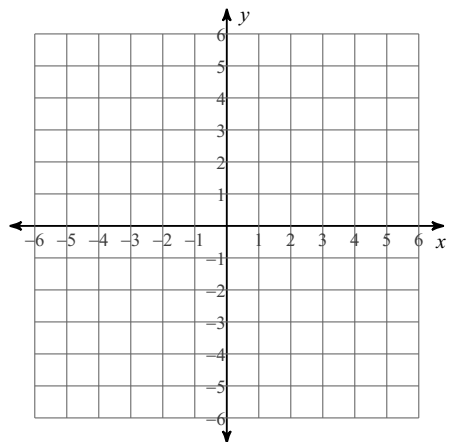
13) $3x - 2y = -4$



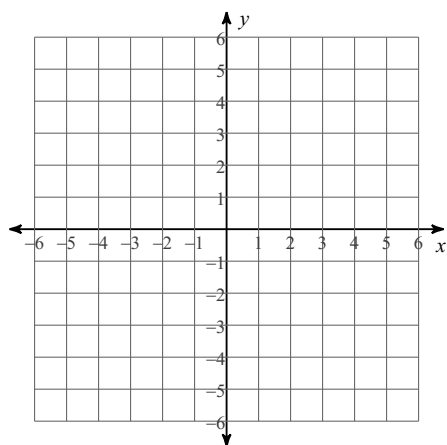
14) $x + y = -1$



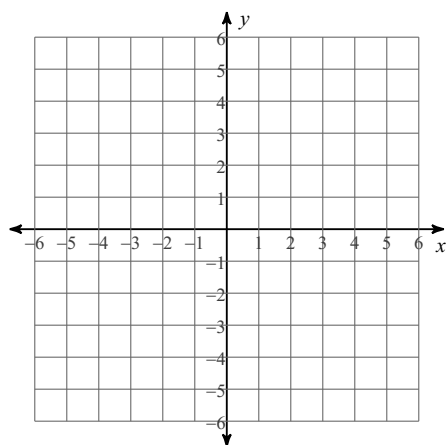
15) $x - y = -2$



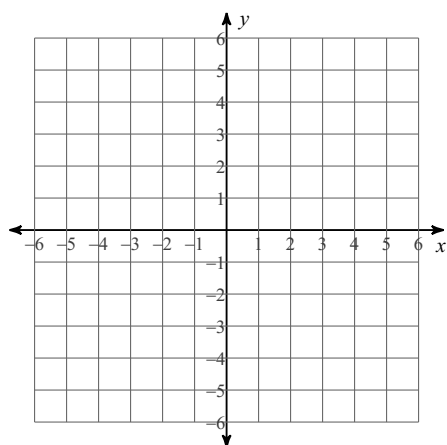
16) $10y = -20 + 6x$



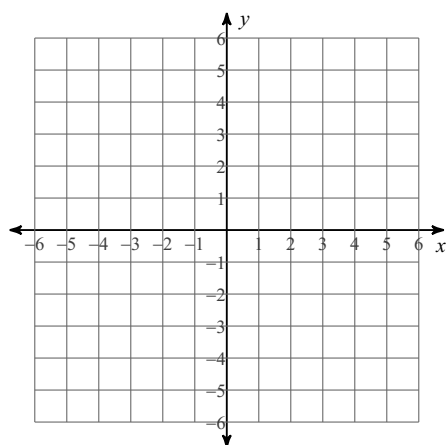
17) $0 = y + 3$



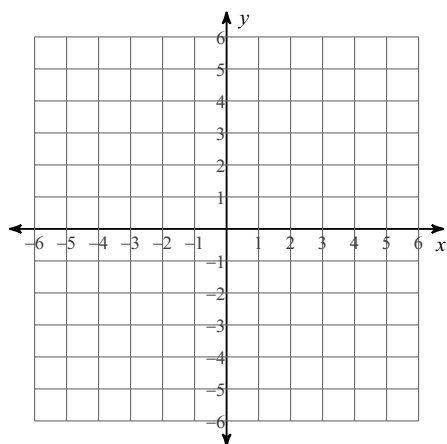
18) $x - 1 = 0$



19) $-5y = -x$



20) $0 = y + 4x + 3$



21) $-2x = 15 - 5y$

