

Slope and Y-Intercept

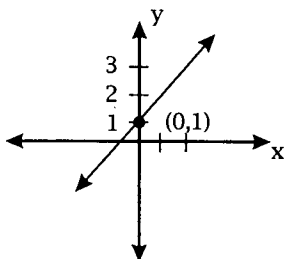
Graph each linear equation using the slope and y-intercept. Add units to both axes. $y = mx + b$, where m = slope and b = y-intercept.

Example: $y = 2x + 1$

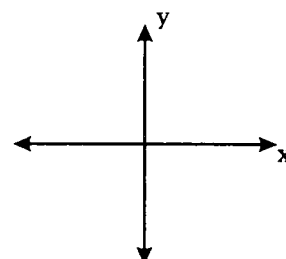
y - int (0, 1)

$m = \frac{2 \text{ up } 2}{1 \text{ right } 1}$

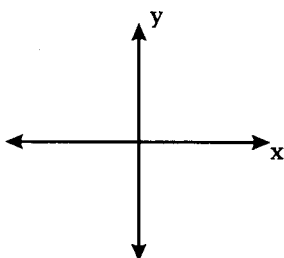
Note: Move up 2 and over one from y-intercept.



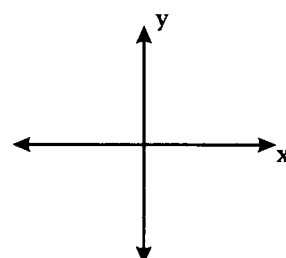
1. $y = -x + 6$



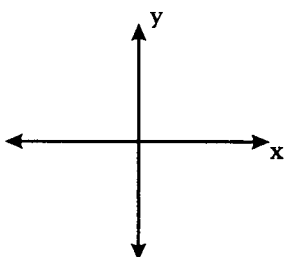
2. $y = \frac{-2}{3}x - 1$



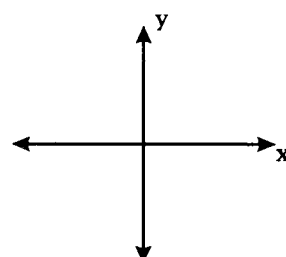
3. $y = 5x + 5$



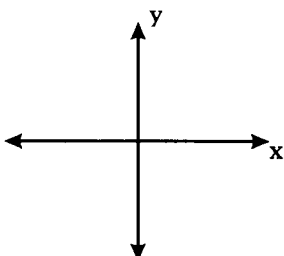
4. $y = 4x$



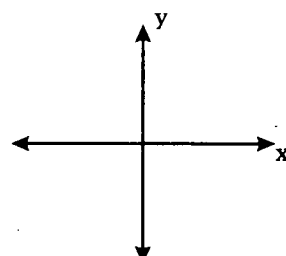
5. $y = 4$



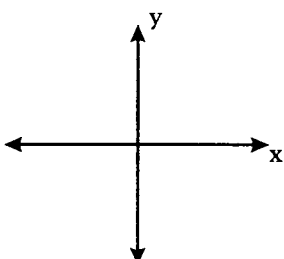
6. $x = -9$



7. $y = -2x - 4$



8. $y = \frac{3}{5}x$



9. $y = \frac{-1}{2}x + 3$

