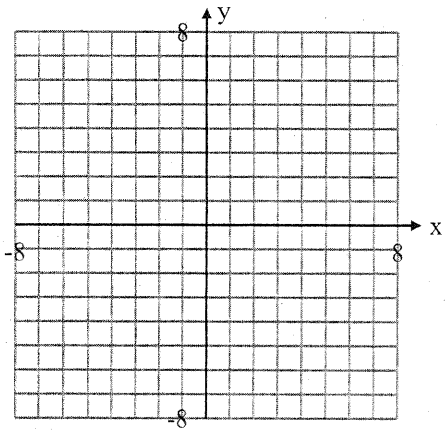
Slope-Intercept Graphing

Name: _____ Date: _____ Period: _____

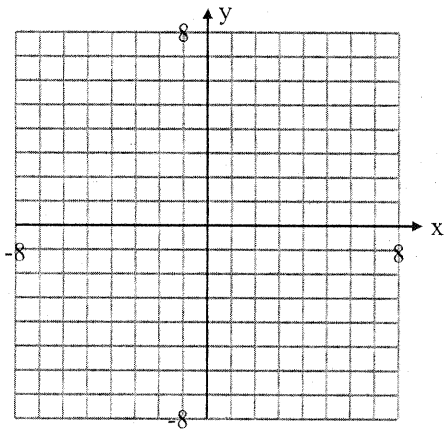
Graph each equation using slope-intercept, $y = mx + b$.

State the slope and y-intercept of each equation, the graph.

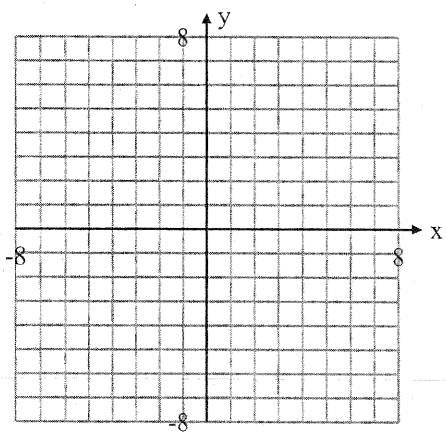
1. $y = x - 7$; $m =$ _____, $b =$ _____



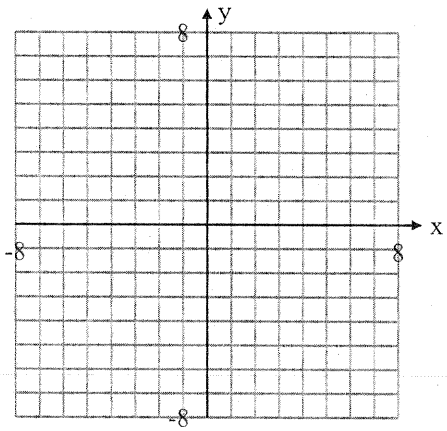
2. $y = 3x - 4$; $m =$ _____, $b =$ _____



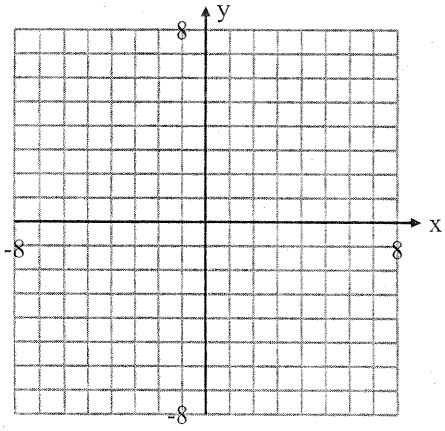
3. $y = \frac{1}{2}x + 5$; $m =$ _____, $b =$ _____



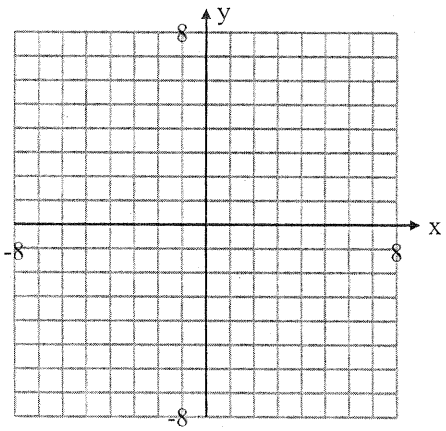
4. $y = 4 - 2x$; $m =$ _____, $b =$ _____



5. $y = \frac{2}{3}x - 2$; $m =$ _____, $b =$ _____



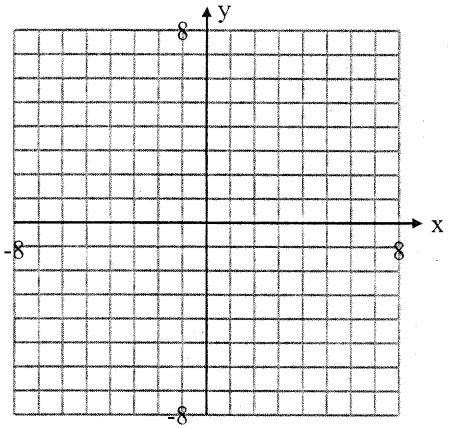
6. $y = \frac{1}{4}x - 3$ $m =$ _____, $b =$ _____



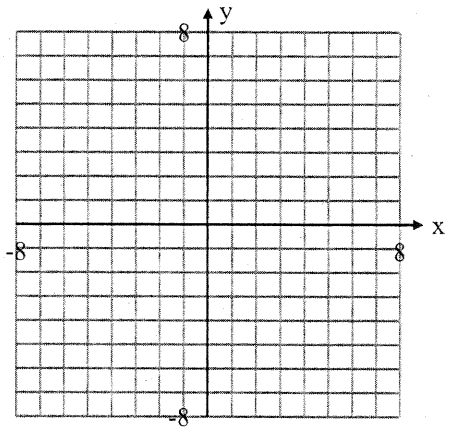
Graph each equation using slope-intercept, $y = mx + b$. Name: _____

State the slope and y-intercept of each equation, the graph.

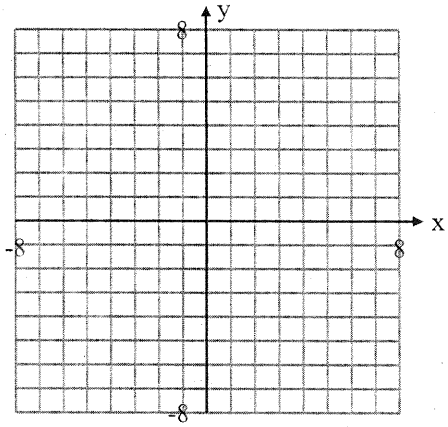
7. $y = 2 - \frac{4}{5}x$; $m =$ _____, $b =$ _____



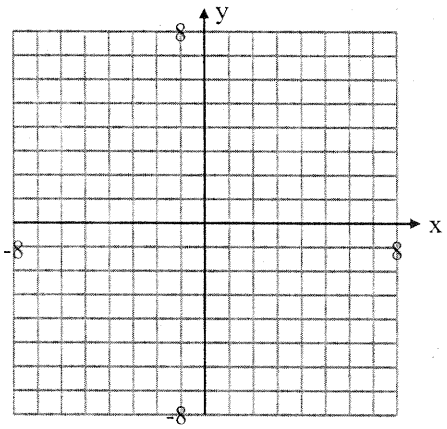
8. $y = x - 4$; $m =$ _____, $b =$ _____



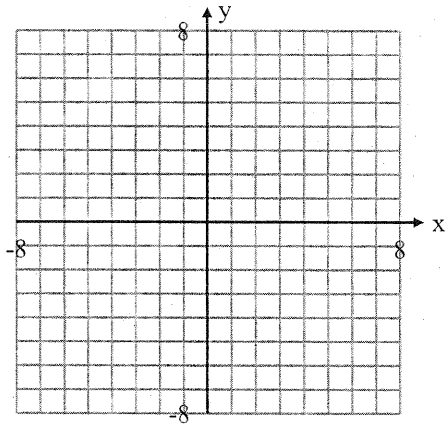
9. $y = -\frac{3}{4}x + 8$; $m =$ _____, $b =$ _____



10. $y = 5x - 3$; $m =$ _____, $b =$ _____



11. $y = \frac{1}{3}x + 1$; $m =$ _____, $b =$ _____



12. $y = -3x$; $m =$ _____, $b =$ _____