

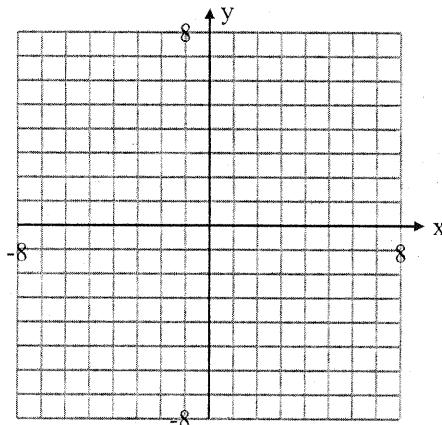
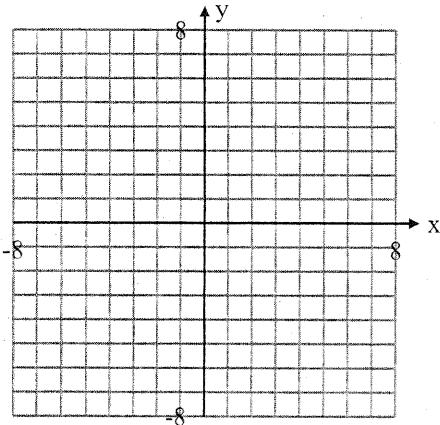
# Slope-Intercept Graphing

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

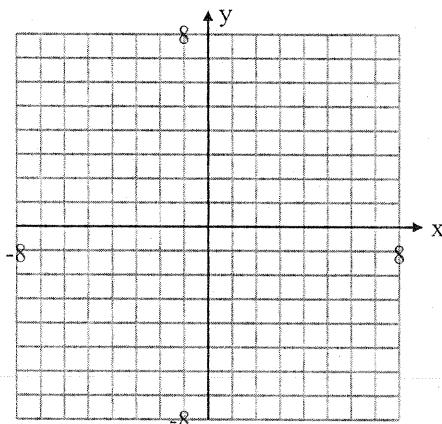
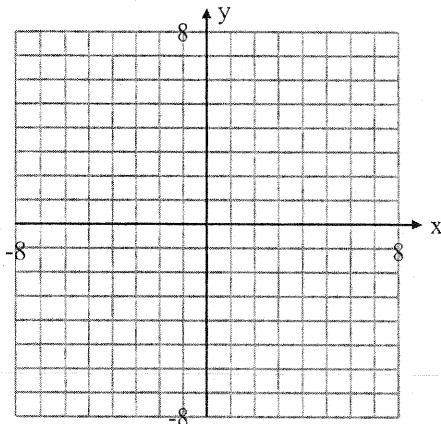
Graph each equation using slope-intercept,  $y = mx + b$ .

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

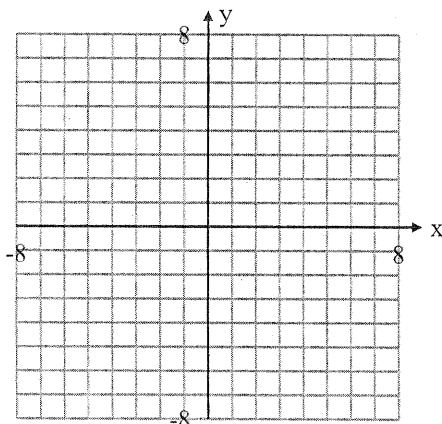
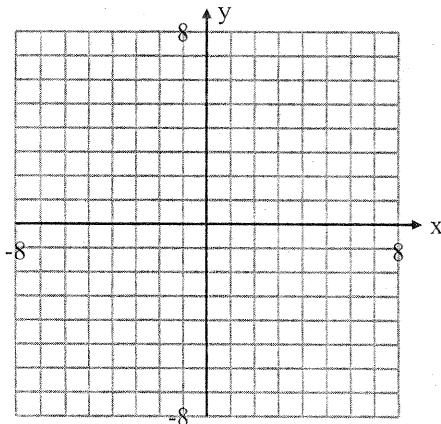
1.  $y = x - 7$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$  2.  $y = 3x - 4$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$



3.  $y = \frac{1}{2}x + 5$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$  4.  $y = 4 - 2x$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$



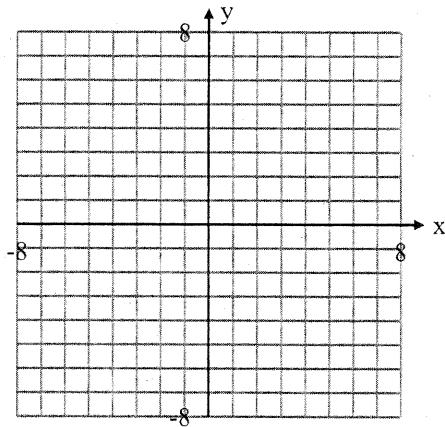
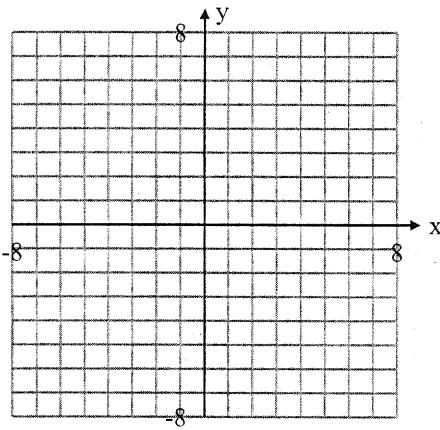
5.  $y = \frac{2}{3}x - 2$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$  6.  $y = \frac{1}{4}x - 3$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$



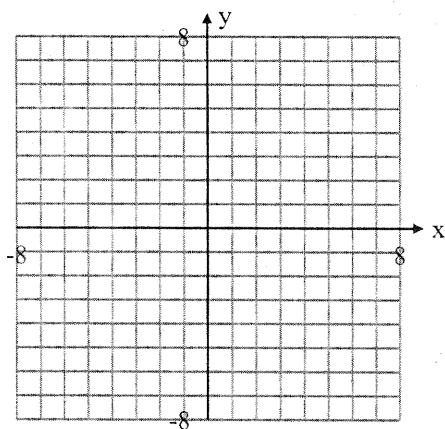
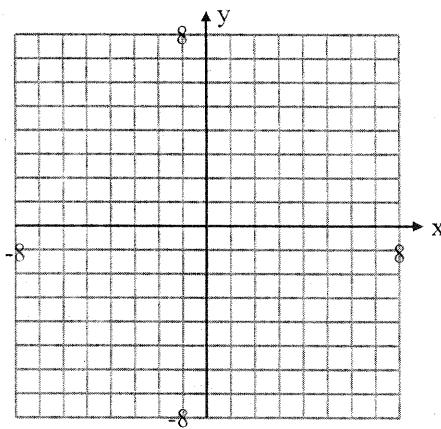
Graph each equation using slope-intercept,  $y = mx + b$ . Name: \_\_\_\_\_

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

7.  $y = 2 - \frac{4}{5}x$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$  8.  $y = x - 4$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$



9.  $y = -\frac{3}{4}x + 8$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$  10.  $y = 5x - 3$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$



11.  $y = \frac{1}{3}x + 1$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$  12.  $y = -3x$ ;  $m = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$

