



# Drawing a Straight Line

Name \_\_\_\_\_

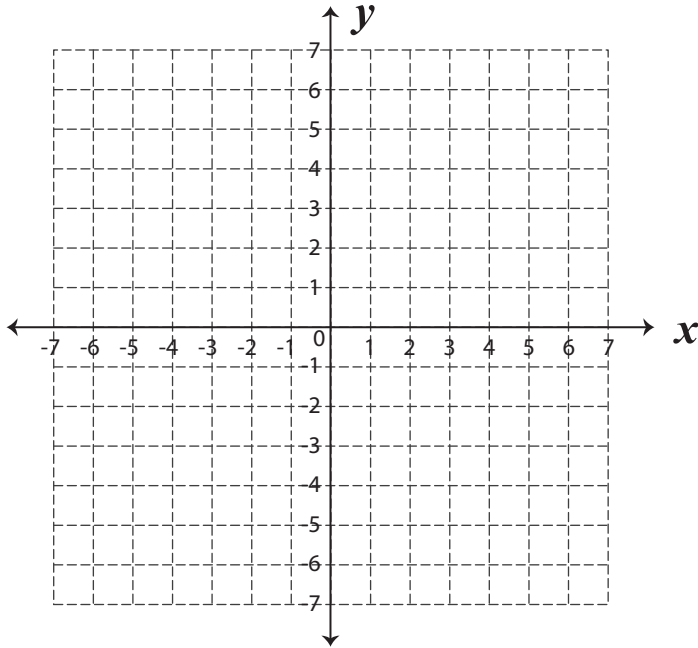
Score \_\_\_\_\_

PS:17

Write the slope and point passes through a line from the given point-slope form equation. Draw a line.

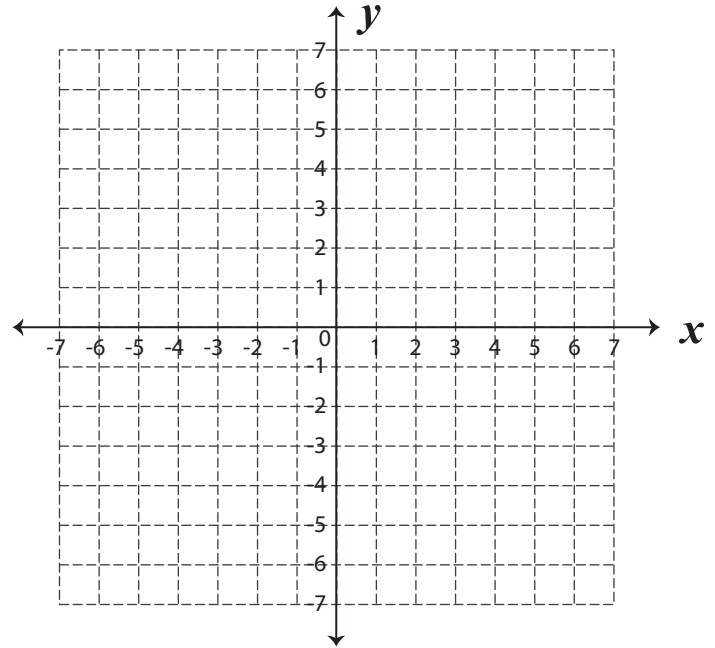
1)  $y - 2 = 2(x - 4)$

Point = \_\_\_\_\_ ; Slope = \_\_\_\_\_



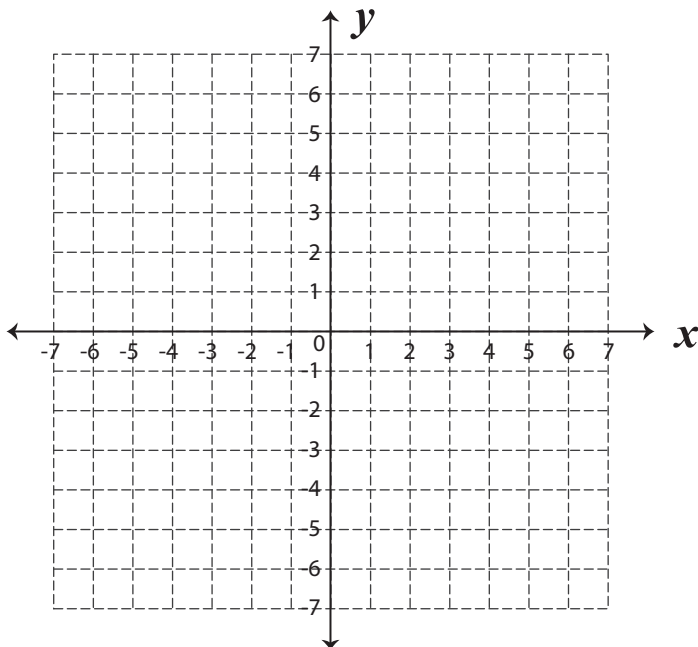
2)  $y - 5 = -\frac{3}{5}(x + 1)$

Point = \_\_\_\_\_ ; Slope = \_\_\_\_\_



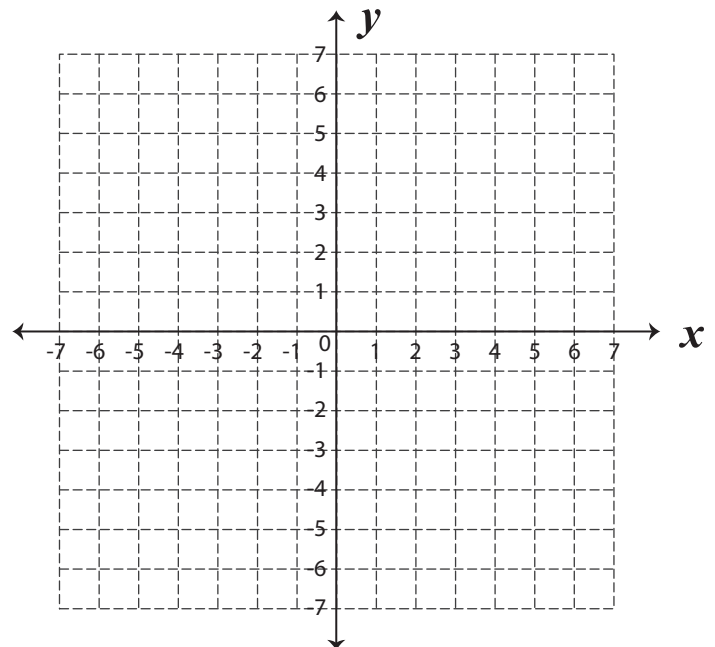
3)  $y + 6 = \frac{1}{4}(x - 3)$

Point = \_\_\_\_\_ ; Slope = \_\_\_\_\_



4)  $y + 3 = -4(x + 2)$

Point = \_\_\_\_\_ ; Slope = \_\_\_\_\_





# Drawing a Straight Line

Name \_\_\_\_\_

Score \_\_\_\_\_

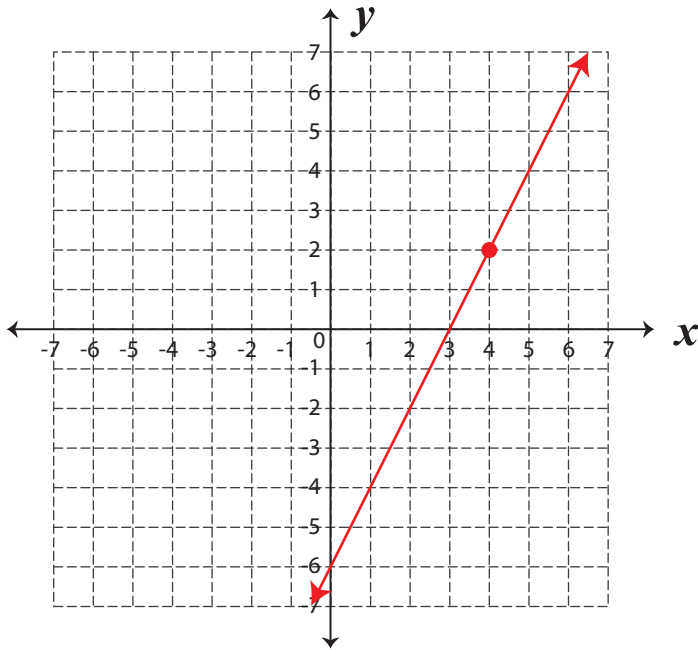
## Answer key

PS:17

Write the slope and point passes through a line from the given point-slope form equation. Draw a line.

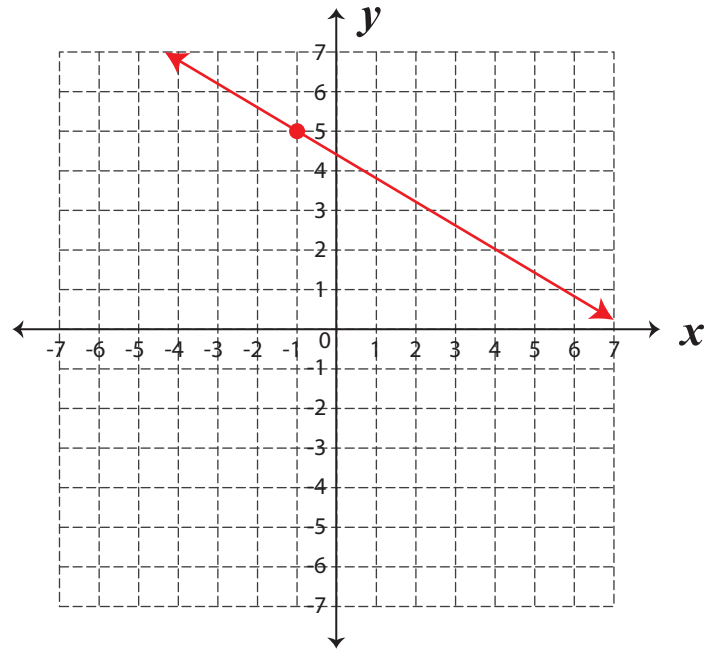
1)  $y - 2 = 2(x - 4)$

Point = (4, 2) ; Slope = 2



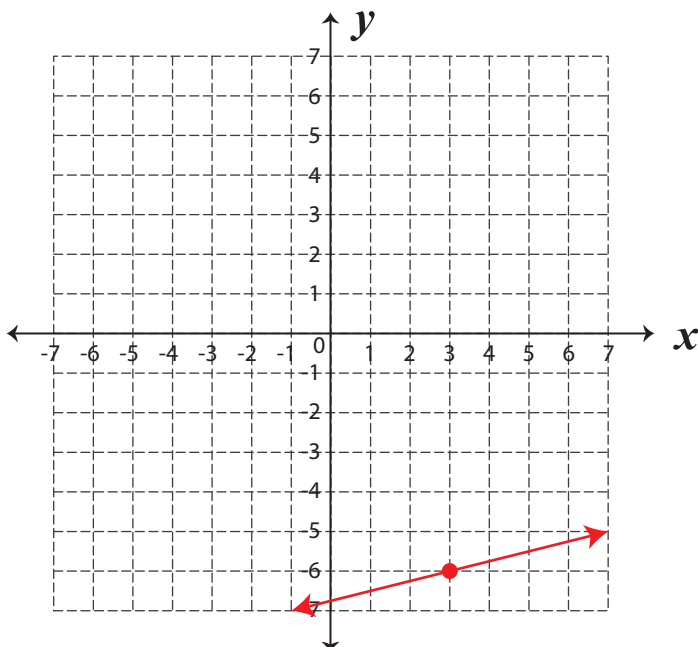
2)  $y - 5 = -\frac{3}{5}(x + 1)$

Point = (-1, 5) ; Slope =  $-\frac{3}{5}$



3)  $y + 6 = \frac{1}{4}(x - 3)$

Point = (3, -6) ; Slope =  $\frac{1}{4}$



4)  $y + 3 = -4(x + 2)$

Point = (-2, -3) ; Slope = -4

