



# Drawing a Straight Line

Name \_\_\_\_\_

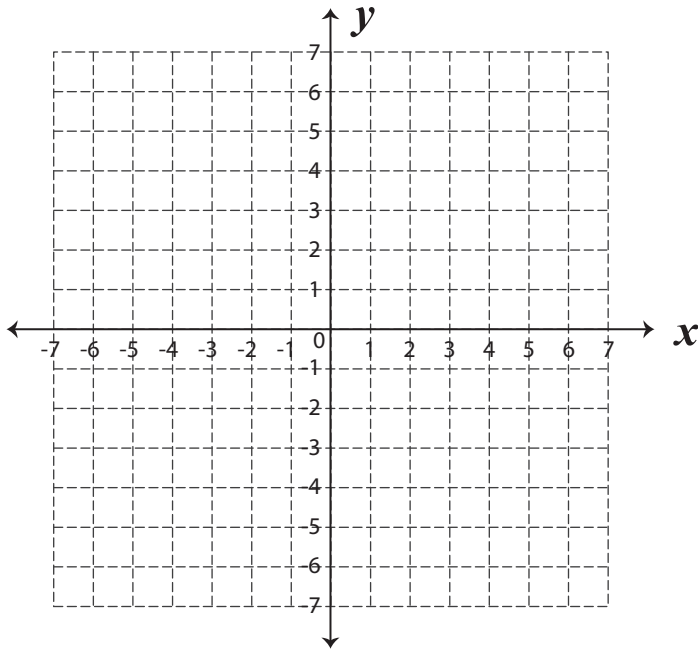
Score \_\_\_\_\_

PS:16

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

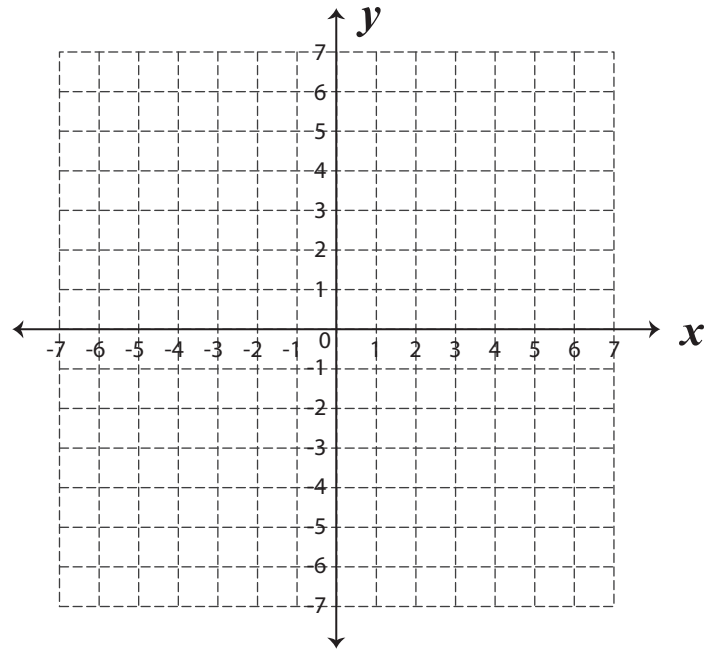
1)  $y + 2 = \frac{3}{4}(x + 2)$

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



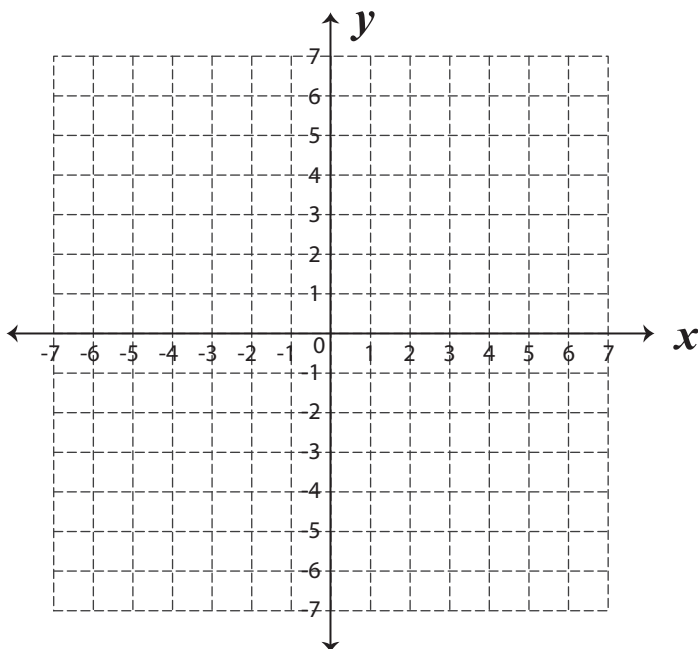
2)  $y - 4 = -5(x - 3)$

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



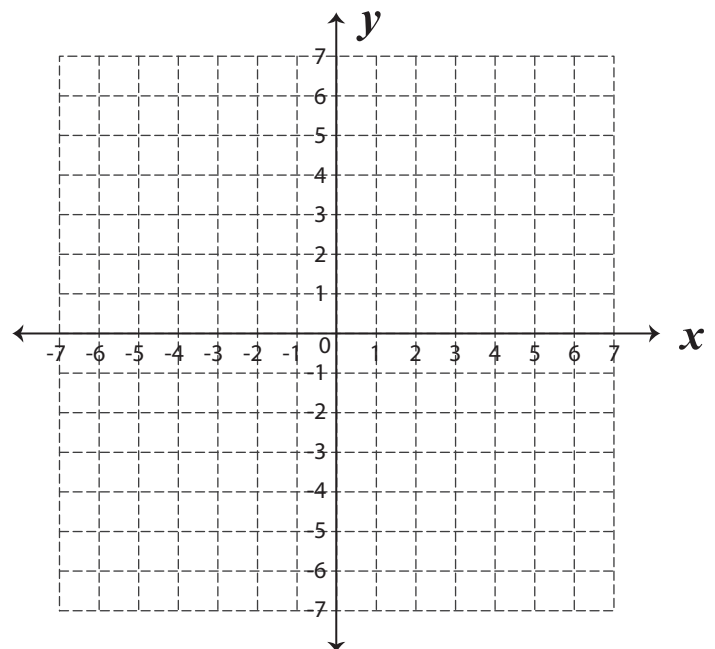
4)  $y + 1 = -\frac{1}{3}(x - 5)$

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



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

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





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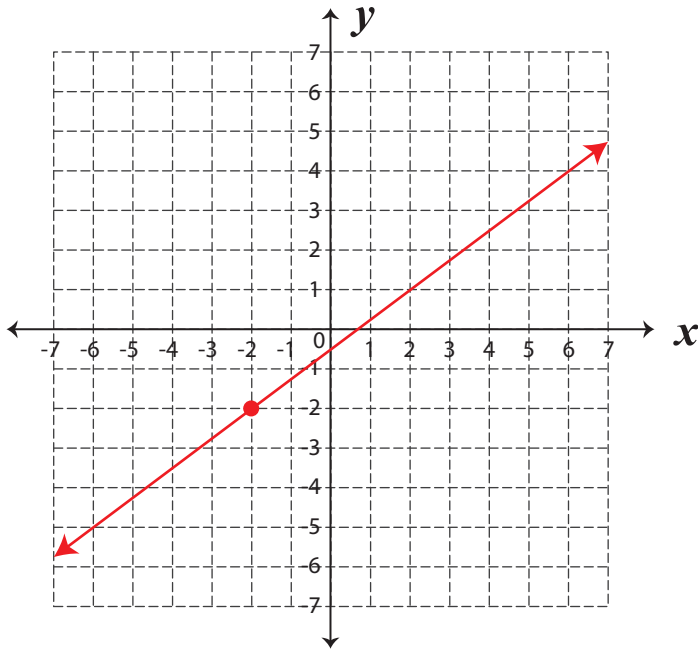
## Answer key

PS:16

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

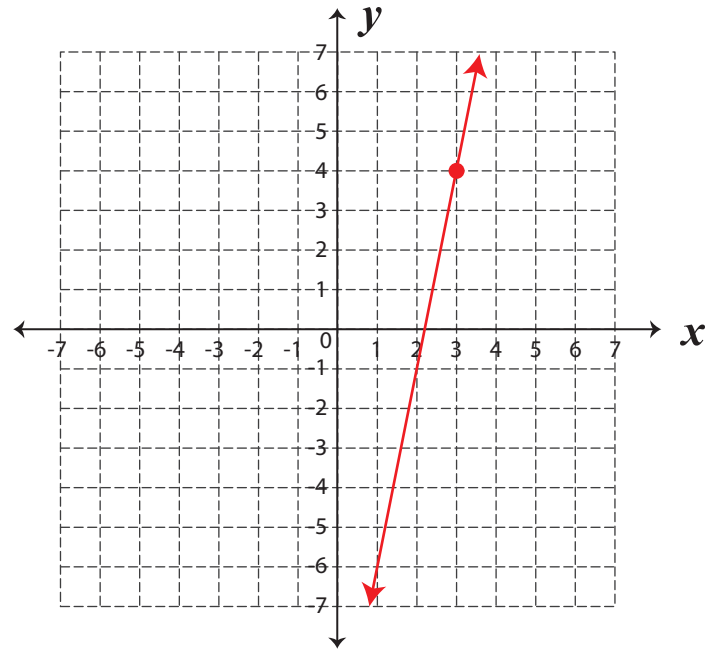
1)  $y + 2 = \frac{3}{4}(x + 2)$

Point =  $(-2, -2)$  ; Slope =  $\frac{3}{4}$



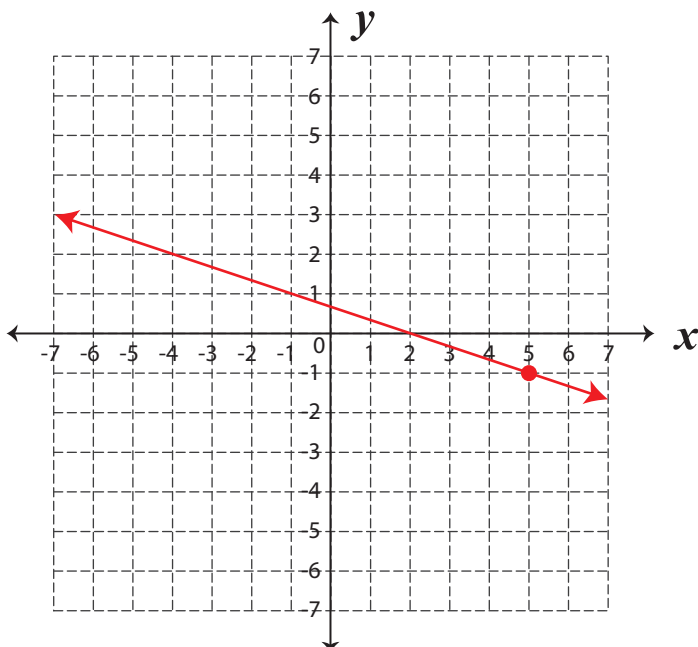
2)  $y - 4 = -5(x - 3)$

Point =  $(3, 4)$  ; Slope =  $-5$



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

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



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

Point =  $(4, -4)$  ; Slope =  $1$

