



# Finding Slope and Point

Name \_\_\_\_\_

Score \_\_\_\_\_

PS:01

Write the slope and point of each equation of a straight line.

1)  $y + 3 = 5(x + 2)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

2)  $y - 6 = -\frac{1}{2}x$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

3)  $y - 4 = -3(x - 1)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

4)  $y + 2 = 1(x - 2)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

5)  $y = -7(x + 5)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

6)  $y - 10 = \frac{2}{3}(x - 8)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

7)  $y + 1 = -\frac{1}{4}(x - 6)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

8)  $y + 9 = 4(x + 7)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_



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## Answer key

PS:01

Write the slope and point of each equation of a straight line.

1)  $y + 3 = 5(x + 2)$       Slope = 5 ; Point = (-2, -3)

2)  $y - 6 = -\frac{1}{2}x$       Slope =  $-\frac{1}{2}$  ; Point = (0, 6)

3)  $y - 4 = -3(x - 1)$       Slope = -3 ; Point = (1, 4)

4)  $y + 2 = 1(x - 2)$       Slope = 1 ; Point = (2, -2)

5)  $y = -7(x + 5)$       Slope = -7 ; Point = (-5, 0)

6)  $y - 10 = \frac{2}{3}(x - 8)$       Slope =  $\frac{2}{3}$  ; Point = (8, 10)

7)  $y + 1 = -\frac{1}{4}(x - 6)$       Slope =  $-\frac{1}{4}$  ; Point = (6, -1)

8)  $y + 9 = 4(x + 7)$       Slope = 4 ; Point = (-7, -9)