



# Finding Slope and Point

Name \_\_\_\_\_

Score \_\_\_\_\_

PS:02

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

1)  $y - 5 = \frac{2}{5}(x - 3)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

2)  $y + 1 = 6(x + 1)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

3)  $y - 8 = -\frac{3}{4}(x - 2)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

4)  $y - 4 = -10x$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

5)  $y + 3 = 2(x + 6)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

6)  $y - 7 = 7(x - 4)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

7)  $y = -\frac{4}{9}(x + 1)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_

8)  $y + 4 = -5(x - 5)$       Slope = \_\_\_\_\_ ; Point = \_\_\_\_\_



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## Answer key

PS:02

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

1)  $y - 5 = \frac{2}{5}(x - 3)$       Slope =      $\frac{2}{5}$      ; Point =     **(3, 5)**    

2)  $y + 1 = 6(x + 1)$       Slope =     **6**     ; Point =     **(-1, -1)**    

3)  $y - 8 = -\frac{3}{4}(x - 2)$       Slope =      $-\frac{3}{4}$      ; Point =     **(2, 8)**    

4)  $y - 4 = -10x$       Slope =     **-10**     ; Point =     **(0, 4)**    

5)  $y + 3 = 2(x + 6)$       Slope =     **2**     ; Point =     **(-6, -3)**    

6)  $y - 7 = 7(x - 4)$       Slope =     **7**     ; Point =     **(4, 7)**    

7)  $y = -\frac{4}{9}(x + 1)$       Slope =      $-\frac{4}{9}$      ; Point =     **(-1, 0)**    

8)  $y + 4 = -5(x - 5)$       Slope =     **-5**     ; Point =     **(5, -4)**