



Matching Equation of a Line

Name _____

Score _____

PS:20

Match the equation of a straight lines with its slope and point passes throught it.

1)

$(7, 3)$; slope = 8

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

2)

$(-1, -1)$; slope = -4

$y - 3 = 8(x - 7)$

3)

$(2, 5)$; slope = $\frac{1}{4}$

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

4)

$(-3, 1)$; slope = $-\frac{1}{3}$

$y - 5 = \frac{1}{4}(x - 2)$

5)

$(4, -6)$; slope = 5

$y - 9 = \frac{5}{6}(x + 5)$

6)

$(-5, 9)$; slope = $\frac{5}{6}$

$y + 6 = 5(x - 4)$



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Answer key

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$$y + 6 = 5(x - 4)$$