



Matching Equation of a Line

Name _____

Score _____

PS:19

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

1)

$(-1, -2)$; slope = -3

$y - 4 = 6(x + 1)$

2)

$(3, 6)$; slope = $-\frac{3}{5}$

$y + 4 = -2(x + 6)$

3)

$(-1, 4)$; slope = 6

$y + 2 = -3(x + 1)$

4)

$(5, -7)$; slope = $\frac{1}{2}$

$y + 8 = \frac{2}{3}(x + 8)$

5)

$(-6, -4)$; slope = -2

$y - 6 = -\frac{3}{5}(x - 3)$

6)

$(-8, -8)$; slope = $\frac{2}{3}$

$y + 7 = \frac{1}{2}(x - 5)$



Matching Equation of a Line

Name _____

Score _____

Answer key

PS:19

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

1)

$(-1, -2)$; slope = -3

$y - 4 = 6(x + 1)$

2)

$(3, 6)$; slope = $-\frac{3}{5}$

$y + 4 = -2(x + 6)$

3)

$(-1, 4)$; slope = 6

$y + 2 = -3(x + 1)$

4)

$(5, -7)$; slope = $\frac{1}{2}$

$y + 8 = \frac{2}{3}(x + 8)$

5)

$(-6, -4)$; slope = -2

$y - 6 = -\frac{3}{5}(x - 3)$

6)

$(-8, -8)$; slope = $\frac{2}{3}$

$y + 7 = \frac{1}{2}(x - 5)$