# Matching Equation of a Line

PS:21

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

1)

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

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

2)

$(-3, 1)$ ; slope $= \dfrac{4}{5}$

$y + 4 = -\dfrac{4}{7}(x + 1)$

3)

$(6, 0)$ ; slope $= -3$

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

4)

$(-2, -7)$ ; slope $= 9$

$y + 5 = 10x$

5)

$(1, -4)$ ; slope $= -\dfrac{4}{7}$

$y + 7 = 9(x + 2)$

6)

$(0, -5)$ ; slope $= 10$
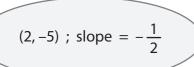
$y = -3(x - 6)$

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Name _____

Score _____

## Answer key

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