

Student Name: _____

Score: _____

Parallel Lines Worksheet

Find the equation of line passing through the given point and parallel to the given equation:

$(2, 3)$ and $y = x + 4$

Answer: _____

$(-1, 0)$ and $y = 3x - 4$

Answer: _____

$(4, -2)$ and $3x - 2y = 1$

Answer: _____

$(0, 0)$ and $6x - y = 1$

Answer: _____

$(-2, -1)$ and $x + y + 1 = 0$

Answer: _____

$(-3, -7)$ and $5x + 6y - 2 = 0$

Answer: _____

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Answers

$(2, 3)$ and $y = x + 4$	$(-1, 0)$ and $y = 3x - 4$
Answer: $y = x + 1$	Answer: $y = 3x + 3$
$(4, -2)$ and $3x - 2y = 1$	$(0, 0)$ and $6x - y = 1$
Answer: $3x - 2y = 16$	Answer: $6x - y = 0$
$(-2, -1)$ and $x + y + 1 = 0$	$(-3, -7)$ and $5x + 6y - 2 = 0$
Answer: $x + y + 3 = 0$	Answer: $5x + 6y + 57 = 0$