

Student Name: _____

Score: _____

Point - Slope Worksheet

Find equation of straight line passing through the given point and slope:

(2, 1) and $m=1$	(3, 0) and $m=3$
Answer: _____	Answer: _____
(-4, 4) and $m=-2$	(1, -6) and $m=-5$
Answer: _____	Answer: _____
(0, 0) and $m=-3$	(1, -5) and $m=0$
Answer: _____	Answer: _____
(2, 2) and $m=-2$	(-4, 0) and $m=6$
Answer: _____	Answer: _____

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Answers

(2, 1) and $m=1$ Answer: $x - y - 1 = 0$	(3, 0) and $m=3$ Answer: $3x - y - 9 = 0$
(-4, 4) and $m=-2$ Answer: $2x + y + 4 = 0$	(1, -6) and $m=-5$ Answer: $5x + y + 1 = 0$
(0, 0) and $m=-3$ Answer: $3x + y = 0$	(1, -5) and $m=0$ Answer: $y + 5 = 0$
(2, 2) and $m=-2$ Answer: $2x + y - 6 = 0$	(-4, 0) and $m=6$ Answer: $6x - y + 24 = 0$