

Point-Slope

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Write the slope-intercept form of the equation of the line through the given point with the given slope.

1) through: $(-4, 1)$, slope = $-\frac{3}{4}$

2) through: $(3, 2)$, slope = $\frac{5}{3}$

3) through: $(3, -3)$, slope = -1

4) through: $(3, 3)$, slope = -2

5) through: $(4, -1)$, slope = -1

6) through: $(-1, 5)$, slope = -7

7) through: $(5, 2)$, slope = 1

8) through: $(-2, -5)$, slope = $\frac{1}{2}$

9) through: $(4, -4)$, slope = $-\frac{9}{8}$

10) through: $(3, 5)$, slope = undefined