

Math 1

Write the equation of a line in point-slope form, given a point and the slope.

1. $(3, -1)$, and slope = 0

2. $(1, 4)$, and slope = 6

3. $(4, -3)$, and slope = $-\frac{3}{4}$

4. $(2, -5)$, and slope = $\frac{5}{2}$

5. $(-2, -3)$, and slope = 2

6. $(-3, -5)$, and slope = $\frac{2}{3}$

7. $(-4, 1)$, and slope = -3

8. $(-3, -1)$, and slope = 1

9. $(-5, 4)$, and slope = $-\frac{9}{5}$

10. $(3, 1)$, and slope = $\frac{2}{5}$

11. $(-1, -5)$, and slope = 10

12. $(-4, 4)$, and slope = $-\frac{7}{4}$