

Math C

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

1. through:  $(-1, 1)$ , slope=4
2. through:  $(-4, -5)$ , slope= $\frac{3}{4}$
3. through:  $(-2, 1)$ , slope=undefined
4. through:  $(-2, 1)$ , slope=0
5. through:  $(5, -1)$ , slope= $\frac{3}{5}$
6. through:  $(5, 1)$ , slope= $-\frac{1}{5}$
7. through:  $(2, -1)$ , slope= $\frac{1}{7}$
8. through:  $(-1, -5)$ , slope=3
9. through:  $(-3, -4)$ , slope=-3
10. through:  $(-5, -3)$ , slope= $-\frac{1}{8}$
11. through:  $(5, -2)$ , slope= $-\frac{7}{5}$
12. through:  $(-3, 4)$ , slope=-1