

Math C

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

1. $y - 1 = 4(x + 1)$

2. $y + 5 = \frac{3}{4}(x + 4)$

3. $x = -2$

4. $y = 1$

5. $y + 1 = \frac{3}{5}(x - 5)$

6. $y - 1 = -\frac{1}{5}(x - 5)$

7. $y + 1 = \frac{1}{7}(x - 2)$

8. $y + 5 = 3(x + 1)$

9. $y + 4 = -3(x + 3)$

10. $y + 3 = -\frac{1}{8}(x + 5)$

11. $y + 2 = -\frac{7}{5}(x - 5)$

12. $y - 4 = -(x + 3)$