

Name: _____

Math is Gold

Date: _____

Topic: Point-Slope form

(id:lines_pt_slope_1pt_B.1)

Title: Write the equation in Point-Slope form of a line through the given point and the given slope(m).

1) $(1, 2); m = 5$

2) $(3, -5); m = -1$

3) $(-1, -2); m = 2$

4) $(-5, -7); m = -5$

5) $(1, -7); m = 0$

6) $(3, -2); m = \frac{1}{2}$

7) $(2, 0); m = \frac{3}{5}$

8) $(1, -5); m = -\frac{2}{3}$

9) $(7, -3); m = -\frac{5}{3}$

10) $(-4, -9); m = \frac{1}{3}$

11) $(0, 0)$; $m = 2$

12) $(-1, -6)$; $m = -\frac{3}{7}$

13) $(2, -9)$; $m = -\frac{1}{5}$

14) $(-5, 0)$; $m = -\frac{1}{4}$

15) $(0, -3)$; $m = -\frac{2}{5}$

16) $(9, 0)$; $m = -1$

17) $(0, -5)$; $m = -2$

18) $(-1, -4)$; $m = -\frac{2}{3}$

19) $(-7, 1)$; $m = -\frac{5}{2}$

20) $(-8, -1)$; $m = 0$