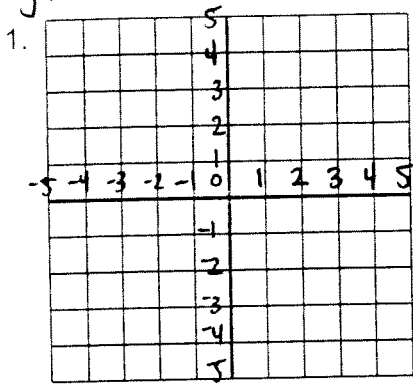


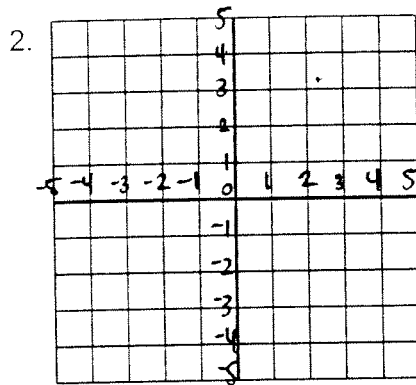
POINT-SLOPE

Name: _____

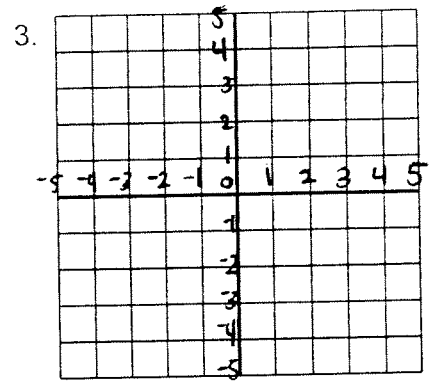
given a point and the slope, graph the line



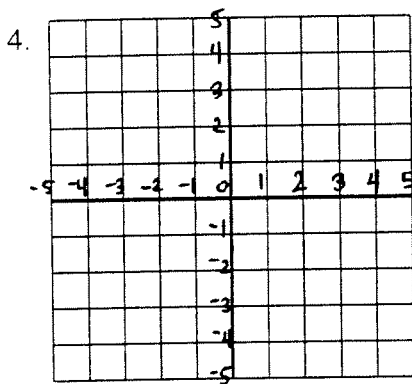
point: $(1, 1)$
slope (m) : $\frac{3}{2}$



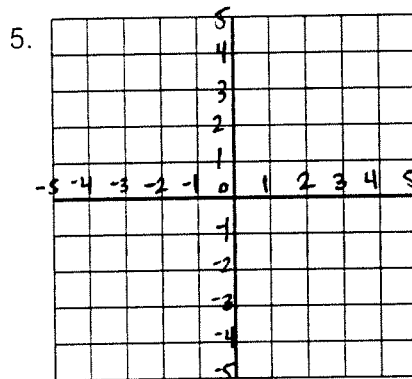
point: $(-4, -5)$
 m : $\frac{7}{3}$



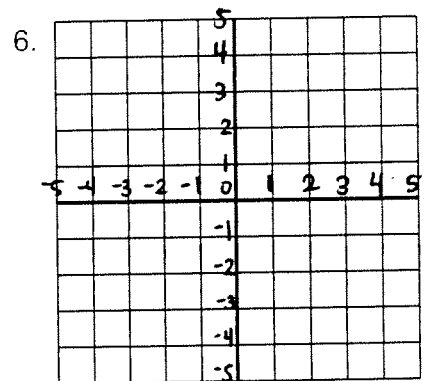
point: $(0, 1)$
 m : $-\frac{2}{3}$



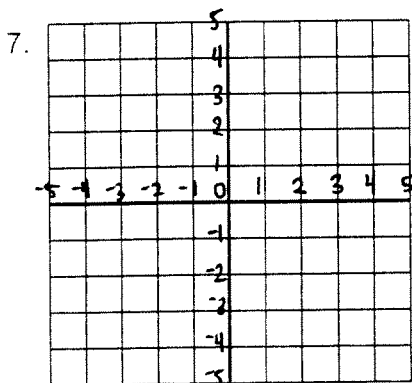
point: $(-2, -4)$
 m : $\frac{5}{4}$



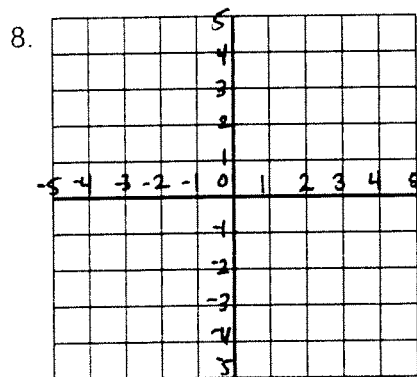
point: $(2, 4)$
 m : $-\frac{3}{1}$



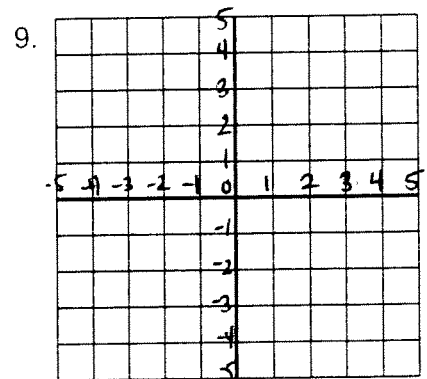
point: $(-3, -4)$
 m : $\frac{2}{2}$



Point: $(-3, 3)$
 m : $-\frac{4}{2}$



Point: $(3, 0)$
 m : 1



point: $(-1, -4)$
 m : 2

Point-Slope Form Worksheet

Name _____ Date _____ Period _____

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

1) through (1,2) slope = 7

2) through (3,-1) slope = -1

3) through (-2,5) slope = -4

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

5) through (2,-4) slope = -1

6) through (2,5) slope = undef

7) through (3,1) slope = $\frac{1}{2}$

8) through (-1,2) slope = 2

9) through (4,2) slope = $-\frac{3}{4}$

10) through (2,0) slope = $\frac{1}{3}$