

For each problem 1.) Put into Point Slope form (Put a bar around)

2.) Put into Standard Form (Put a circle around)

3.) Put into Slope Intercept form (Solve for y, put a cloud around)

Be Neat!!!

Ex mple

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

$$\overline{y + 2 = \frac{1}{2}(x - 3)}$$

$$y + 2 = \frac{1}{2}x - \frac{3}{2}$$

$$2y + 4 = x - 3$$

$$2y + 7 = x$$

$$\textcircled{7 = x - 2y}$$

$$2y = x - 7$$

$$\textcircled{y = \frac{1}{2}x - \frac{7}{2}}$$

Name \_\_\_\_\_

1.)  $m = 3$  (1, 4)

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

3.)  $m = 0$  (5, -4)

4.)  $(\frac{1}{3}, 4)$   $(-\frac{2}{3}, 1)$

5.) (5, -1) (-2, 3)