

**Point-Slope Form Homework Assignment**

Write an equation of the line with the given information.

	<b>SLOPE</b>	<b>POINT</b>	<b>EQUATION IN POINT-SLOPE FORM</b>
<b>1.</b>	4	(-1, 3)	
<b>2.</b>	0.25	(5, -2)	
<b>3.</b>	$\frac{2}{3}$	(6, 7)	
<b>4.</b>	Line that passes through (-4, -2) and (-3, 1)		

Use point-slope form to write the lines with the given slope and point in slope-intercept form.

<b>5.</b> $m = 3$ (2,1)	<b>6.</b> $m = -\frac{1}{3}$ (-3, 5)
<b>7.</b> $m = -1$ (-5, -4)	<b>8.</b> $m = \frac{1}{2}$ (6,7)

Name \_\_\_\_\_ Date \_\_\_\_\_ Per \_\_\_\_\_

## Point-Slope Form Homework Assignment

Use point-slope form to write the equation of the lines that go through the given points in slope-intercept form.

**9.** (8, -10) and (4, -7)

**10.** (-1, -3) and (1, 5)

**11.** (-4, 2) and (8, -1)

**12.** (2, -3) and (4, 3)

**13.** (-6, 2) and (-3, 8)

**14.** (-6, -1) and (-3, -5)