



Point-slope Form

Name _____

Score _____

PS:06

Write an equation in point-slope form.

Q. No	Point	Slope	Equation in point-slope form
1)	$(-3, 5)$	-7	
2)	$(0, 1)$	3	
3)	$(6, 9)$	$-\frac{1}{5}$	
4)	$(-2, -7)$	9	
5)	$(-4, 0)$	$\frac{2}{9}$	
6)	$(1, -3)$	$\frac{1}{8}$	
7)	$(5, 4)$	-2	
8)	$(-5, -1)$	$-\frac{2}{3}$	



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Answer key

PS:06

Write an equation in point-slope form.

Q. No	Point	Slope	Equation in point-slope form
1)	(-3, 5)	-7	$y - 5 = -7(x + 3)$
2)	(0, 1)	3	$y - 1 = 3x$
3)	(6, 9)	$-\frac{1}{5}$	$y - 9 = -\frac{1}{5}(x - 6)$
4)	(-2, -7)	9	$y + 7 = 9(x + 2)$
5)	(-4, 0)	$\frac{2}{9}$	$y = \frac{2}{9}(x + 4)$
6)	(1, -3)	$\frac{1}{8}$	$y + 3 = \frac{1}{8}(x - 1)$
7)	(5, 4)	-2	$y - 4 = -2(x - 5)$
8)	(-5, -1)	$-\frac{2}{3}$	$y + 1 = -\frac{2}{3}(x + 5)$