Point-slope Form

Write an equation in point-slope form.

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

Name _____

Score _____

Answer key

PS:04

Write an equation in point-slope form.

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