

Point-slope form of equation

1) (0, 9) and (2, 0)	2) (0, 8) and (-1, 10)
3) (-6, 8) and (4, 8)	4) (0, 0) and (-4, 3)
5) (-1, 7) and (8, -2)	6) (5, 7) and (-1, 3)
7) (4, 5) and (-3, 8)	8) (4, 0) and (0, 5)



Answers

1) $y - 9 = \frac{9}{2}x$

2) $y - 8 = -2x$

3) $y = 8$

4) $y = -\frac{3}{4}x$

5) $y - 7 = -(x + 1)$

6) $y - 7 = \frac{2}{3}(x - 5)$

7) $y - 5 = -\frac{3}{7}(x - 4)$

8) $y = -\frac{5}{4}(x - 4)$