

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)
3) (0, 0) and (+, 0)	4) (0, 0) and (4, 3)
E) / 4 7 \ /0 0 \	(C) (E 7) and (A 0)
5) (-1, 7) and (8, -2)	6) (5, 7) and (-1, 3)
7) (4.5) and (-3.8)	8) (4 0) and (0 5)
7) (4, 5) and (-3, 8)	8) (4, 0) and (0, 5)
7) (4, 5) and (-3, 8)	8) (4, 0) and (0, 5)
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7) (4, 5) and (-3, 8)	8) (4, 0) and (0, 5)



Answers

1)
$$y-9=\frac{9}{2}x$$
2) $y-8=-2x$

2)
$$y - 8 = -2x$$

3)
$$y = 8$$

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

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

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

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

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