

Quick Quiz: CH3 : L4 Direct variation

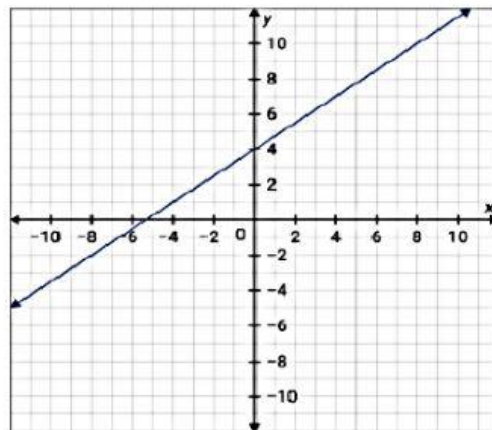
Name :

- 1) Explain whether the following graphs, tables, and equations represent a direct variation or not. **write yes or not**

a) $y = 3x + 1$

b) $y = -8x$

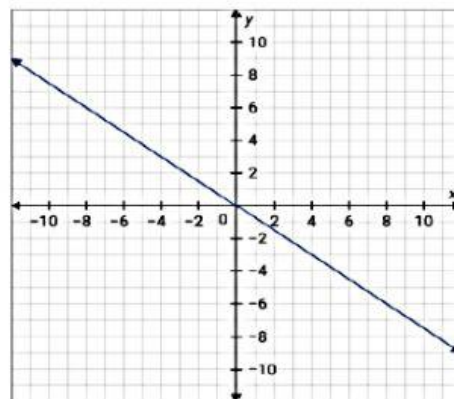
c)



d)

x	y
0	0
9	6
12	9

e)



2) The equation, $y = -\frac{3}{4}x$, represents a direct variation.

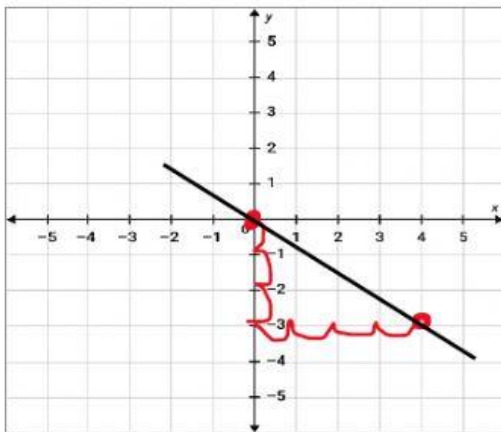
a) What is the constant of variation?

Constant of variation is _____

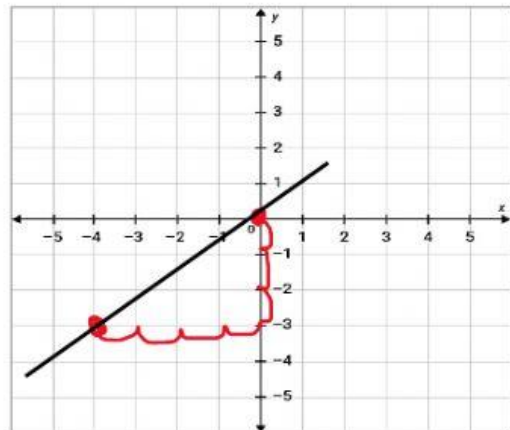
b) Starting at the origin (0, 0), describe the next step in graphing the direct variation equation?

Start from (0, 0) move _____ units, then move _____ units.

c) Choose the correct Graph of the equation.



A



B

The Correct graph is

