Quick Quiz: CH3 : L4 Direct variation
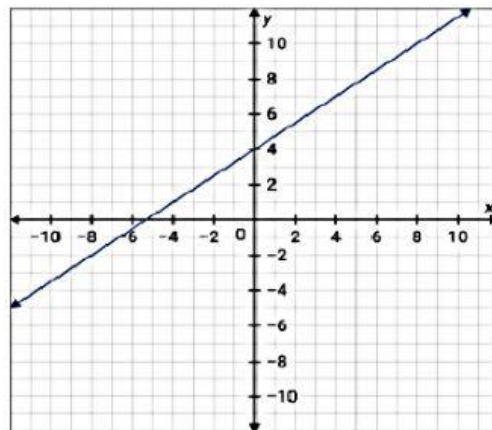
Name :

1) Explain whether the following graphs, tables, and equations represent a direct variation or not. write yes or not
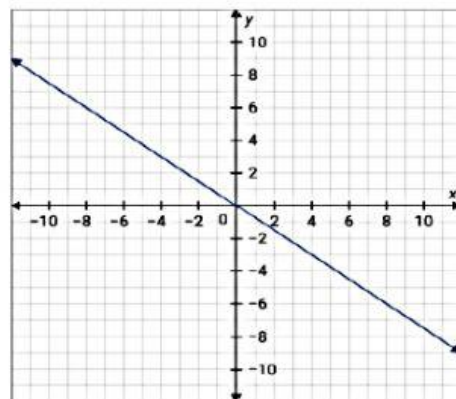
a) $y = 3x + 1$

b) $y = -8x$

c)

d)

x	y
0	0
9	6
12	9

e)

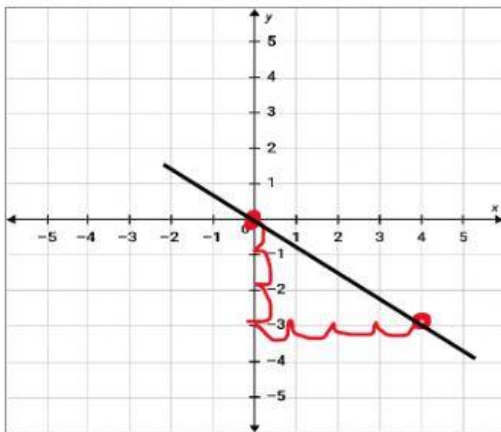2) The equation, $y = -\dfrac{3}{4}x$, represents a direct variation.

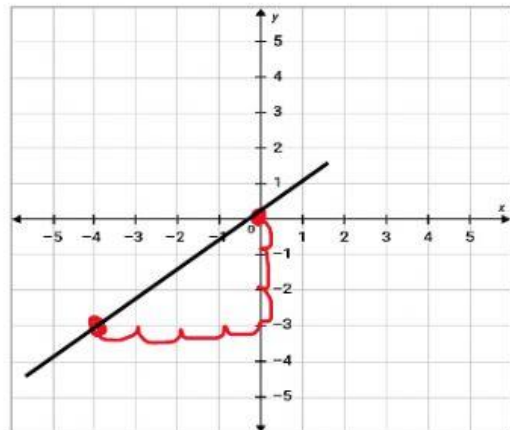a) What is the constant of variation?

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