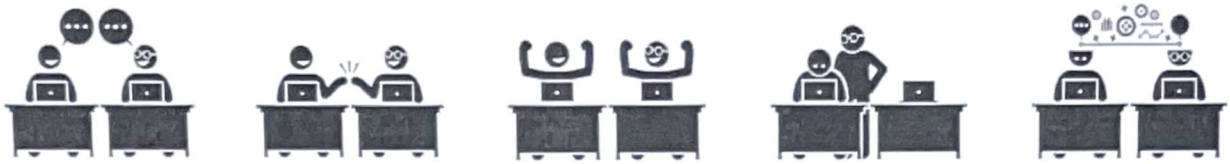
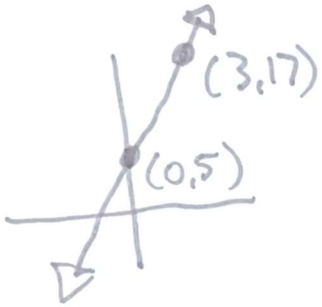
Name: ANSWERS! Class:



Question 01

Write the $y = mx + b$ equation for the line that includes the points below.

x	y
0	5
3	17



$m \rightarrow \frac{\text{Rise}}{\text{Run}} \rightarrow \frac{12}{3} = 4$

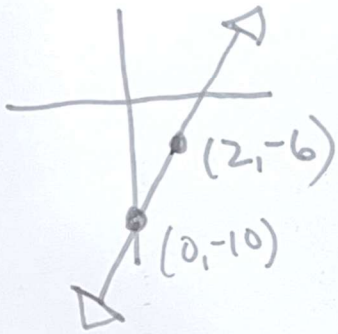
$b = 5$

$y = 4x + 5$

Question 02

Write the $y = mx + b$ equation for the line that includes the points below.

x	y
0	-10
2	-6



$m \rightarrow \frac{\text{Rise}}{\text{Run}} \rightarrow \frac{4}{2} = 2$

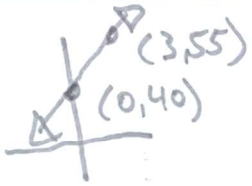
$b = -10$

$y = 2x - 10$

Question 03

Write the $y = mx + b$ equation for the line that includes the points below.

x	y
0	40
3	55



$m \rightarrow \frac{Rise}{Run} \rightarrow \frac{15}{3} = 5$

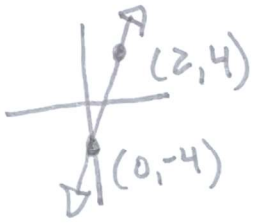
$b = 40$

$y = 5x + 40$

Question 04

Write the $y = mx + b$ equation for the line that includes the points below.

x	y
0	-4
2	4



$m \rightarrow \frac{Rise}{Run} \rightarrow \frac{8}{2} = 4$

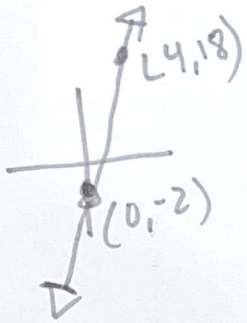
$b = -4$

$y = 4x - 4$

Question 05

Write the $y = mx + b$ equation for the line that includes the points below.

x	y
0	-2
4	18



$m \rightarrow \frac{Rise}{Run} \rightarrow \frac{20}{4} = 5$

$b = -2$

$y = 5x - 2$