

Warm Up Grade 8



The equation of a linear relation is: $y = 3x - 5$

- a) Create a table of values for the relation for integer values of x from -2 to 2.
- b) Graph the relation.
- c) Describe the relationship between the variables in the graph.

x	y
-2	-11
-1	-8
0	-5
1	-2
2	+1

$x = -2$

$y = 3x - 5$

$3(-2) - 5$

$(-6) - 5$

$(-6) + (-5)$

-11

$x = -1$

$y = 3x - 5$

$3(-1) - 5$

$(-3) - 5$

$-3 + (-5)$

-8

$x = 0$

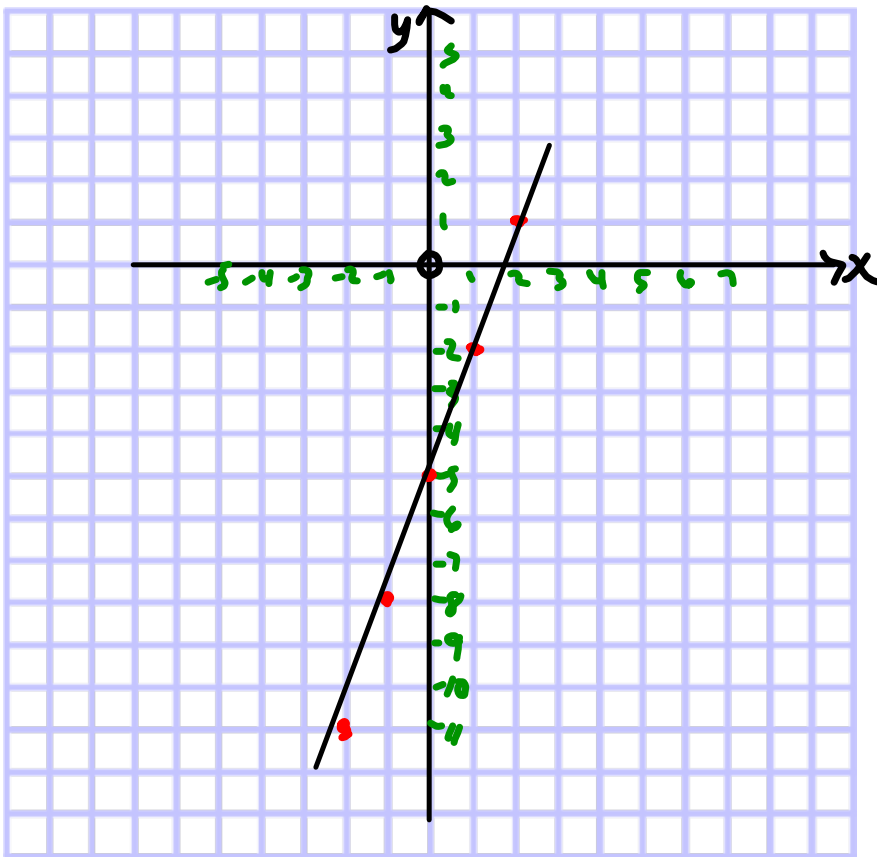
$y = 3x - 5$

$3(0) - 5$

$0 - 5$

-5

As x increases by 1,
 y increases by 3.
 Straight line



x	y
-2	-11
-1	-8
0	-5
1	-2
2	1

Any Questions

Practice 6 Making Tables



Solutions



Class/Homework

Practice 7 Graphing Linear Equations *Thursday*
Test ~~Friday~~ on Section 6.6 & 6.7

2 MC

1 Short Response (Word problem with equation given)

Part a to f (Requires to graph)

18 pts

Attachments

Extra Practice 6 creating tables.pdf

Extra Practice 7 graphing linear equations.pdf

WS Extra Practice 6 Chapter 6 Grade 8.doc