

Warm-up

Nov. 25

1) Solve for y:

a) $y = 2x + 1$ $x=3$

b) $y = 3x - 2$ $x=2$

$y = 4$

2) Create a table of values for this equation:

$y = 5x - 2$

x	y
1	3
2	8
3	13
4	18

a) $y = 2x + 1$

$y = 2(3) + 1$

$y = 6 + 1$

$y = 7$

Review! (if you were not here, copy this down):

When we compare or *relate* a variable to an expression that contains a variable, we have a **relation**.

Table of Values.

- A table of values is a set of ordered pairs usually resulting from substituting numbers into an equation (relation).

Let's create a table of values together

$$y = 2x + 3.$$

$$y = 2(1) + 3$$

$$y = 2 + 3$$

$$y = 5$$

$$y = 2(2) + 3$$

$$y = 4 + 3$$

$$y = 7$$

$$y = 2(3) + 3$$

$$y = 6 + 3$$

$$y = 9$$

$$y = 2(4) + 3$$

$$y = 8 + 3$$

$$y = 11$$

x	y
1	5
2	7
3	9
4	11

You try...

$$y = 3x - 1.$$

x	y
1	2
2	5
3	8
4	11
5	14

$$y = 3(1) - 1$$
$$y = 3 - 1$$
$$y = 2$$

Create a table of values for these
(you come up with the x values -
choose 4)

a) $y = 6x - 3$

b) $y = 8x + 9$

c) $y = 2x + 9$

d) $y = 7x - 1$

a)

x	y
1	3
2	9
3	15
4	21

Handwritten notes: $\downarrow +6$ (between 3 and 9), $\downarrow +6$ (between 9 and 15)

x	y
1	
2	
3	
4	

x	1	2	3	4
y				

Worksheet

IT IS BEING HANDED IN



Attachments

Table_of_Values_Activity.docx