In Class Assignment Gr 8

Name: _____

Lesson 6.6: Creating a Table of Values

1. Complete each table of values. (Show work for the first 3 entries)

a) $y = x + 5$

x	y
1	
2	
3	
4	
5	

b) $y = x - 1$

x	y
1	
2	
3	
4	
5	

c) $y = -2x$

x	y
1	
2	
3	
4	
5	

2. Copy and complete each table of values.

a) $y = 2x - 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

b) $y = -3x + 1$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

c) $y = -2x - 5$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

3. The equation of a linear relation is: $y = -3x + 8$

    Shiw work to find the ordered pairs in the relation given the following: (Set it up un chart form)

    (–1,), (0,), (1,), (2,), (3 ,   ), (4,)

4. The cost of admission to a fair is $10, plus $3 per ride. An equation for this relation is
$C = 10 + 3r$, where r represents the number of rides a person goes on, and C represents the total cost of admission and rides.

a) Use the equation to create a table of values.

b) Harvey went on 13 rides. How much did Harvey spend on admission and rides?

c) Stephanie spent $31 on admission and rides. How many rides did Stephanie go on?

5. These ordered pairs are in the same linear relation.

    (–3, –11), (–2, –9), (–1,), (0, –5), (, –3), (2,), (3,)

    Find the missing numbers in the ordered pairs. Describe the strategy you used.