

## Extra Practice 6

### Lesson 6.6: Creating a Table of Values

1. Copy and complete each table of values.

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:  $y = -3x + 8$

Some ordered pairs in the relation are:

$(-1, 11)$ ,  $(0, 8)$ ,  $(1, \quad)$ ,  $(2, 2)$ ,  $(\quad, -1)$ ,  $(4, \quad)$

Find the missing numbers in the ordered pairs.

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.

$(-3, -11)$ ,  $(-2, -9)$ ,  $(-1, \quad)$ ,  $(0, -5)$ ,  $(\quad, -3)$ ,  $(2, \quad)$ ,  $(3, \quad)$

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