

### 7.5 Writing linear Functions

Write linear functions from the following given information. *(Hint: it may be helpful to identify the slope and y-intercept before writing the function)*

#### From a Table

1. Function: \_\_\_\_\_

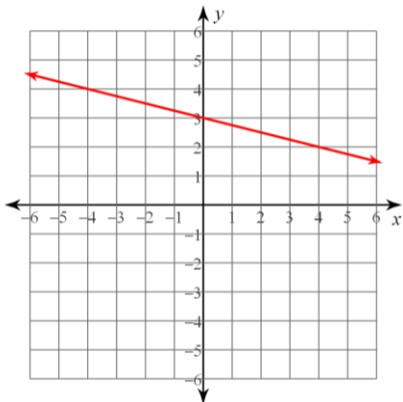
x	y
5	-30
10	-28
15	-26
20	-24

2. Function: \_\_\_\_\_

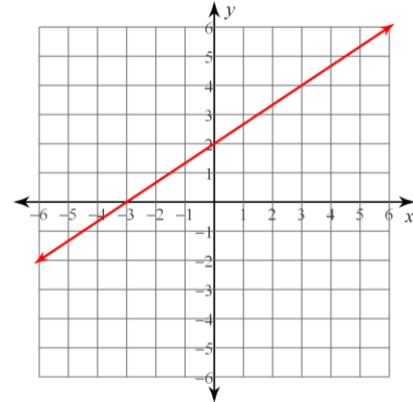
x	y
3	30
6	24
9	18
12	12

#### From a graph

3. Function: \_\_\_\_\_



4. Function: \_\_\_\_\_



#### From Two Points

5. Function: \_\_\_\_\_

Through:  $(-1, 2)$  and  $(-2, 5)$

6. Function: \_\_\_\_\_

Through:  $(5, 1)$  and  $(0, -2)$