

### 8.5 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: \_\_\_\_\_

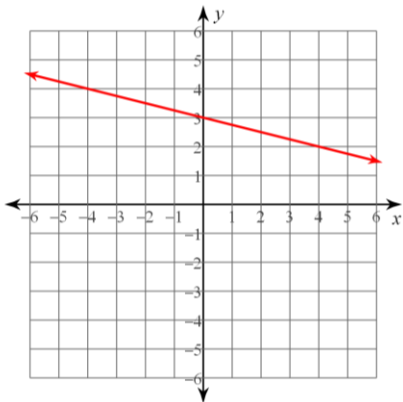
x	y
5	-30
10	-28
15	-26
20	-24

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

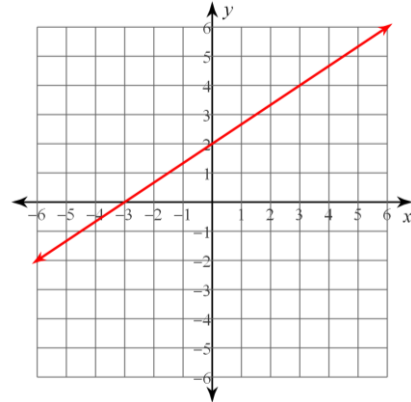
x	y
3	30
6	24
9	18
12	12

**From a graph**

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



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



**From Two Points**

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

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

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

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