Lesson 3 Extra Practice Functions and Equations

Write an equation to represent each function

1.	Input, <i>x</i>	0	1	2	3	4
	Output, y	0	9	18	27	36

2.	Input, <i>x</i>	1	2	3	4	5
	Output, y	2	4	6	8	10

3.	Input, <i>x</i>	put, x 1		3	4	5
	Output, y	7	14	21	28	35

4.	Input, <i>x</i>	0	1	2	3	4
	Output, y	0	4	8	12	16

- 5. The average person uses about 12 gallons of water each day for showering.
 - **a**. Complete the table to show the relationship between the number of gallons g a person uses for showering in days d.

Days, d	1	2	3	4	d
Number of Gallons, g					

- **b.** Write an equation to find *g*, the number of gallons of water a person uses for showering in *d* days.
- **c.** How many gallons of water does a person use for showering each week?