Linear Equations

1) The chart below shows the number of customers a new restaurant had each day. If the trend continues, how would you determine the number of customers on day 13?

Days	Customers
5	8
6	9
7	10
8	11

A. Multiply 3 by 13
B. Add 8 to 13
C. Add 3 to 13
D. Add 5 to 13

2) A chef was cooking batches of chicken. The chart below shows the number of pieces he cooked and how many minutes he cooked them for. How would you determine how long he should cook 10 pieces of chicken?

Pieces	Cook Time
1	8
2	16
3	24
4	32

A. Add 1 to 10
B. Multiply 8 by 10
C. Add 8 to 10
D. Multiply 8 by 10

3) The chart below shows how many cans you can fit in a certain number of bags. How would you determine the number of cans you'd have for 12 bags?

Bags	Cans
5	20
6	24
7	28
8	32

A. Add 5 to 12
B. Multiply 4 by 12
C. Multiply 5 by 12
D. Multiply 20 by 12

4) Robin created a chart showing how much money she had at the end of each week. How would you determine how much money she'd have at the end of week 9?

Week	Money
3	27
4	36
5	45
6	54

A. Multiply 9 by 9
B. Add 3 to 9
C. Multiply 27 by 9
D. Multiply 3 by 9

5) Jerry created a chart showing how many points he had at the end of each level of a video game. How would you determine the points he would have at the end of level 11?

Levels	Points
3	24
4	32
5	40
6	48

A. Multiply 24 by 11
B. Add 3 to 11
C. Multiply 8 by 11
D. Add 8 to 11

6) Maria created the chart below to show the total number of pictures she needed for pages in her scrap book . Which choice below shows how many pictures she'd need for 13 pages?

Pages	Pictures
4	8
5	10
6	12
7	14

A. Multiply 2 by 13
B. Multiply 8 by 13
C. Add 2 to 13
D. Multiply 4 by 13