



6.

Find the rule for the function table.

$n$	?
0	0
1	3
2	6

- A.  $n + 4$                        B.  $n$   
 C.  $3n$                                D.  $n + 2$

7.

Find the missing output values for the function table.

Input ( $n$ )	Output ( $4n$ )
0	?
1	?
2	?

- A. 3, 2, 1                       B. 40, 41, 42  
 C. 0, 4, 8                       D. 4, 5, 6

8.

Wesley is selling lemonade. The price of a cup of lemonade is \$1. However, customers can refill the cup for \$0.20. If one customer got a cup of lemonade and 3 refills, how much did that customer pay?

- A. \$3.20                       B. \$3.60  
 C. \$1.20                       D. \$1.60

9.

Jamaal started a savings account with \$25 he received for his birthday. He added \$3 to the account each week. How many weeks will it take for the amount in the account to reach \$100?

- A. 42 weeks                       B. 25 weeks  
 C. 4 weeks                       D. 34 weeks

10.

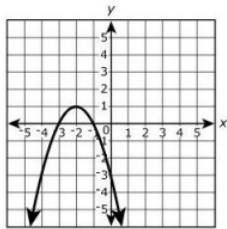
The table below shows the relationship between the number of teachers and the number of students going on a field trip. How can the relationship be described using words, an equation, and a graph?

Field Trip					
Teachers	2	3	4	5	6
Students	34	51	68	85	102

11.

Bonus

The graph shows the function  $y = g(x)$ , where  $g(x)$  represents a transformation of  $f(x) = x^2$ .



What is the equation for  $g(x)$ ?

- A.  $g(x) = (x - 2)^2 - 1$
- B.  $g(x) = (x + 2)^2 - 1$
- C.  $g(x) = -(x - 2)^2 + 1$
- D.  $g(x) = -(x + 2)^2 + 1$