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Self-Check Quizzes

Mathematics: Applications and Concepts Course 1
Lesson 9-6
Functions

1. Find the missing output values for the function table.

input (n)	output $\left(\frac{1}{2}n\right)$
1	?
2	?
3	?

- A. 0, 2, 4
- B. 1, 2, 3
- C. $\frac{1}{2}$, 1, $1\frac{1}{2}$
- D. 2, 4, 6

Hint

2. Find the rule for the function table.

n	?
0	0
1	3
2	6

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

Hint

3. 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

Hint

4. 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

Hint

5. 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

[Hint](#)

Check It

School Education Group

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◯ A.   42 weeks   ◯ B.   25 weeks

◯ C.   4 weeks   ◯ D.   34 weeks