



Determine which expression is the correct answer.

Answers

- 1) A store raised the price on watermelons 11%. The original price for each was X dollars. Which expression shows the new price of the watermelons?  
A.  $X + (0.11 \times X)$       B.  $X + 1.11$       C.  $X + 0.11$       D.  $X \times 0.11$
- 2) A house was on sell for \$39,870. If you wanted to offer 9% less than the asking price(p) which expression shows how much you should offer?  
A.  $p - 0.09$       B.  $p - 1.09$       C.  $p \times 0.09$       D.  $p - 0.09p$
- 3) While clearing out some old inventory a store offered 40 percent off of any item(i). Which expression can be used to calculate the new cost of an item?  
A.  $i - 0.4$       B.  $i \times 0.4$       C.  $i - 1.4$       D.  $i - 0.4i$
- 4) John drew a square with each side being exactly 9 centimeters long. If he wanted to make the square 9% larger which expression can he use to find the new sides length?  
A.  $9 + 0.09$       B.  $9 \times 1.09$       C.  $9 + 1.09$       D.  $9 \times 0.09$
- 5) Over the summer gas prices dropped 3%. Which expression shows the new price of a gallon of gas? (the old price is represented by g)  
A.  $g - 0.03$       B.  $g - 0.03g$       C.  $g \times 0.03$       D.  $g - 1.03$
- 6) Last year the price of a college textbook(b) was \$124. This year the price will be 10% higher. Which expression shows the difference in price from last year to this year?  
A.  $b \times 0.1$       B.  $b - 10$       C.  $b - 0.1$       D.  $b - 1.1$
- 7) An icecream bar was 762 calories. If they increased the size of the bar by 10% which expression can be used to find the new calorie count?  
A.  $762 + 1.1$       B.  $762 + 0.1$       C.  $762 \times 1.1$       D.  $762 \times 0.1$
- 8) A mall kiosk needed to buy 23 new cell phone cases at z dollars a piece. Because they were buying so many they got 5% off the price. Which expression shows how much money they saved?  
A.  $23z - 0.05$       B.  $23z + 0.05$       C.  $0.05 \times 23z$       D.  $23z + 1.05$
- 9) A cell phone company dropped the prices on their phones by 8%. Which expression shows the new price of the phones(p)?  
A.  $p - 1.08$       B.  $p - 0.08$       C.  $p \times 0.08$       D.  $p - 0.08p$
- 10) A box of cereal advertised having 49% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?  
A.  $y + 1.49$       B.  $y + 0.49$       C.  $y \times 0.49$       D.  $y + (0.49 \times y)$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

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**Answers**

1.   **A**
2.   **D**
3.   **D**
4.   **B**
5.   **B**
6.   **A**
7.   **C**
8.   **C**
9.   **D**
10.   **D**