

**Determine which expression is the correct answer.****Answers**

- 1) A house was on sell for \$28,995. If you wanted to offer 11% less than the asking price(p) which expression shows how much you should offer?  
A.  $p - 1.11$                       B.  $p - 0.11p$                       C.  $p - 0.11$                       D.  $p \times 0.11$
- 2) The regular price of a computer was 809 dollars, but over the weekend it'll be on sale for for 21 percent off. Which expression shows the difference in price from normal(n) to sale?  
A.  $n \times 0.21$                       B.  $n - 0.21$                       C.  $n - 1.21$                       D.  $n - 21$
- 3) A sandwich shop was charging \$1.14 for a sandwich, but raised the price 8% making them cost \$1.23. Which expression shows how the new price was calculated?  
A.  $1.14 + 1.08$                       B.  $1.14 \times 1.08$                       C.  $1.14 \times 0.08$                       D.  $1.14 + 0.08$
- 4) 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.  $p - 0.08p$                       C.  $p - 0.08$                       D.  $p \times 0.08$
- 5) This years model of a cell phone is 11 percent heavier than last years. This years model weight is represent by w. Which expression can be used to calculate the weight of last years model?  
A.  $w \div 1.11$                       B.  $w - 0.11$                       C.  $w \times 0.11$                       D.  $w - 1.11$
- 6) While clearing out some old inventory a store offered 25 percent off of any item(i). Which expression can be used to calculate the new cost of an item?  
A.  $i \times 0.25$                       B.  $i - 1.25$                       C.  $i - 0.25i$                       D.  $i - 0.25$
- 7) Last year the price of a college textbook(b) was \$103. This year the price will be 19% higher. Which expression shows the difference in price from last year to this year?  
A.  $b - 0.19$                       B.  $b \times 0.19$                       C.  $b - 19$                       D.  $b - 1.19$
- 8) 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.  $g \times 0.03$                       B.  $g - 0.03g$                       C.  $g - 0.03$                       D.  $g - 1.03$
- 9) A store raised the price on watermelons 10%. The original price for each was X dollars. Which expression shows the new price of the watermelons?  
A.  $X + (0.1 \times X)$                       B.  $X + 0.1$                       C.  $X \times 0.1$                       D.  $X + 1.1$
- 10) An icecream bar was 908 calories. If they increased the size of the bar by 3% which expression can be used to find the new calorie count?  
A.  $908 + 0.03$                       B.  $908 + 1.03$                       C.  $908 \times 1.03$                       D.  $908 \times 0.03$

1. \_\_\_\_\_
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4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

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