

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

- 1) The regular price of a computer was 488 dollars, but over the weekend it'll be on sale for for 22 percent off. Which expression shows the difference in price from normal(n) to sale?  
A.  $n \times 0.22$                       B.  $n - 0.22$                       C.  $n - 22$                       D.  $n - 1.22$
- 2) An icecream bar was 602 calories. If they increased the size of the bar by 8% which expression can be used to find the new calorie count?  
A.  $602 \times 0.08$                       B.  $602 \times 1.08$                       C.  $602 + 0.08$                       D.  $602 + 1.08$
- 3) A mall kiosk needed to buy 47 new cell phone cases at z dollars a piece. Because they were buying so many they got 20% off the price. Which expression shows how much money they saved?  
A.  $47z - 0.2$                       B.  $47z + 1.2$                       C.  $0.2 \times 47z$                       D.  $47z + 0.2$
- 4) 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.  $g - 1.03$                       C.  $g - 0.03$                       D.  $g - 0.03g$
- 5) A house was on sell for \$51,056. If you wanted to offer 9% less than the asking price(p) which expression shows how much you should offer?  
A.  $p \times 0.09$                       B.  $p - 1.09$                       C.  $p - 0.09p$                       D.  $p - 0.09$
- 6) A box of cereal advertised having 14% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?  
A.  $y + (0.14 \times y)$                       B.  $y + 1.14$                       C.  $y \times 0.14$                       D.  $y + 0.14$
- 7) A cell phone company dropped the prices on their phones by 9%. Which expression shows the new price of the phones(p)?  
A.  $p \times 0.09$                       B.  $p - 0.09p$                       C.  $p - 0.09$                       D.  $p - 1.09$
- 8) A sandwich shop was charging \$1.75 for a sandwich, but raised the price 7% making them cost \$1.87. Which expression shows how the new price was calculated?  
A.  $1.75 \times 0.07$                       B.  $1.75 + 0.07$                       C.  $1.75 \times 1.07$                       D.  $1.75 + 1.07$
- 9) A company was having a sale for 7% off the price of computer monitors. Which expression shows how much money you would save if you bought monitors for z dollars a piece?  
A.  $21z + 1.07$                       B.  $0.07 \times 21z$                       C.  $21z + 0.07$                       D.  $21z - 0.07$
- 10) This years model of a cell phone is 5 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.  $w - 0.05$                       B.  $w \times 0.05$                       C.  $w - 1.05$                       D.  $w \div 1.05$

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

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