

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

- 1) A house was on sell for \$43,964. If you wanted to offer 12% less than the asking price(p) which expression shows how much you should offer?  
A.  $p - 0.12$       B.  $p \times 0.12$       C.  $p - 1.12$       D.  $p - 0.12p$
- 2) Joe was earning \$6 an hour before his raise. After his 5% raise he was making \$6.3 an hour. Which expression shows how his new hourly rate was calculated?  
A.  $6 + 1.05$       B.  $6 \times 0.05$       C.  $6 \times 1.05$       D.  $6 + 0.05$
- 3) While clearing out some old inventory a store offered 10 percent off of any item(i). Which expression can be used to calculate the new cost of an item?  
A.  $i - 0.1$       B.  $i - 1.1$       C.  $i \times 0.1$       D.  $i - 0.1i$
- 4) Over the summer gas prices dropped 2%. Which expression shows the new price of a gallon of gas? (the old price is represented by g)  
A.  $g \times 0.02$       B.  $g - 0.02$       C.  $g - 1.02$       D.  $g - 0.02g$
- 5) A box of cereal advertised having 44% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?  
A.  $y \times 0.44$       B.  $y + (0.44 \times y)$       C.  $y + 1.44$       D.  $y + 0.44$
- 6) Paul drew a square with each side being exactly 15 centimeters long. If he wanted to make the square 5% larger which expression can he use to find the new sides length?  
A.  $15 + 0.05$       B.  $15 \times 1.05$       C.  $15 \times 0.05$       D.  $15 + 1.05$
- 7) A company was having a sale for 6% off the price of computer monitors. Which expression shows how much money you would save if you bought 31 monitors for z dollars a piece?  
A.  $31z + 0.06$       B.  $31z + 1.06$       C.  $0.06 \times 31z$       D.  $31z - 0.06$
- 8) A cell phone company dropped the prices on their phones by 6%. Which expression shows the new price of the phones(p)?  
A.  $p - 1.06$       B.  $p - 0.06p$       C.  $p - 0.06$       D.  $p \times 0.06$
- 9) A store raised the price on watermelons 1%. The original price for each was X dollars. Which expression shows the new price of the watermelons?  
A.  $X + 1.01$       B.  $X + 0.01$       C.  $X \times 0.01$       D.  $X + (0.01 \times X)$
- 10) An icecream bar was 680 calories. If they increased the size of the bar by 6% which expression can be used to find the new calorie count?  
A.  $680 \times 1.06$       B.  $680 \times 0.06$       C.  $680 + 0.06$       D.  $680 + 1.06$

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

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