

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

- 1) A mall kiosk needed to buy 40 new cell phone cases at  $z$  dollars a piece. Because they were buying so many they got 18% off the price. Which expression shows how much money they saved?  
A.  $0.18 \times 40z$       B.  $40z + 1.18$       C.  $40z + 0.18$       D.  $40z - 0.18$
- 2) 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.  $y \times 0.49$       C.  $y + (0.49 \times y)$       D.  $y + 0.49$
- 3) Roger drew a square with each side being exactly 8 centimeters long. If he wanted to make the square 13% larger which expression can he use to find the new sides length?  
A.  $8 \times 0.13$       B.  $8 + 1.13$       C.  $8 + 0.13$       D.  $8 \times 1.13$
- 4) A cell phone company dropped the prices on their phones by 10%. Which expression shows the new price of the phones( $p$ )?  
A.  $p \times 0.1$       B.  $p - 1.1$       C.  $p - 0.1p$       D.  $p - 0.1$
- 5) A store raised the price on watermelons 14%. The original price for each was  $X$  dollars. Which expression shows the new price of the watermelons?  
A.  $X + 0.14$       B.  $X \times 0.14$       C.  $X + (0.14 \times X)$       D.  $X + 1.14$
- 6) Joe was earning \$8 an hour before his raise. After his 5% raise he was making \$8.4 an hour. Which expression shows how his new hourly rate was calculated?  
A.  $8 + 0.05$       B.  $8 \times 1.05$       C.  $8 \times 0.05$       D.  $8 + 1.05$
- 7) 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.  $g - 0.02$       B.  $g - 1.02$       C.  $g - 0.02g$       D.  $g \times 0.02$
- 8) A company was having a sale for 11% 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.  $20z - 0.11$       B.  $0.11 \times 20z$       C.  $20z + 0.11$       D.  $20z + 1.11$
- 9) A house was on sell for \$22,871. If you wanted to offer 13% less than the asking price( $p$ ) which expression shows how much you should offer?  
A.  $p - 1.13$       B.  $p - 0.13$       C.  $p \times 0.13$       D.  $p - 0.13p$
- 10) The regular price of a computer was 484 dollars, but over the weekend it'll be on sale for for 10 percent off. Which expression shows the difference in price from normal( $n$ ) to sale?  
A.  $n - 10$       B.  $n \times 0.1$       C.  $n - 0.1$       D.  $n - 1.1$

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

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

- 1) A mall kiosk needed to buy 40 new cell phone cases at  $z$  dollars a piece. Because they were buying so many they got 18% off the price. Which expression shows how much money they saved?  
A.  $0.18 \times 40z$       B.  $40z + 1.18$       C.  $40z + 0.18$       D.  $40z - 0.18$
- 2) 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.  $y \times 0.49$       C.  $y + (0.49 \times y)$       D.  $y + 0.49$
- 3) Roger drew a square with each side being exactly 8 centimeters long. If he wanted to make the square 13% larger which expression can he use to find the new sides length?  
A.  $8 \times 0.13$       B.  $8 + 1.13$       C.  $8 + 0.13$       D.  $8 \times 1.13$
- 4) A cell phone company dropped the prices on their phones by 10%. Which expression shows the new price of the phones( $p$ )?  
A.  $p \times 0.1$       B.  $p - 1.1$       C.  $p - 0.1p$       D.  $p - 0.1$
- 5) A store raised the price on watermelons 14%. The original price for each was  $X$  dollars. Which expression shows the new price of the watermelons?  
A.  $X + 0.14$       B.  $X \times 0.14$       C.  $X + (0.14 \times X)$       D.  $X + 1.14$
- 6) Joe was earning \$8 an hour before his raise. After his 5% raise he was making \$8.4 an hour. Which expression shows how his new hourly rate was calculated?  
A.  $8 + 0.05$       B.  $8 \times 1.05$       C.  $8 \times 0.05$       D.  $8 + 1.05$
- 7) 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.  $g - 0.02$       B.  $g - 1.02$       C.  $g - 0.02g$       D.  $g \times 0.02$
- 8) A company was having a sale for 11% 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.  $20z - 0.11$       B.  $0.11 \times 20z$       C.  $20z + 0.11$       D.  $20z + 1.11$
- 9) A house was on sell for \$22,871. If you wanted to offer 13% less than the asking price( $p$ ) which expression shows how much you should offer?  
A.  $p - 1.13$       B.  $p - 0.13$       C.  $p \times 0.13$       D.  $p - 0.13p$
- 10) The regular price of a computer was 484 dollars, but over the weekend it'll be on sale for for 10 percent off. Which expression shows the difference in price from normal( $n$ ) to sale?  
A.  $n - 10$       B.  $n \times 0.1$       C.  $n - 0.1$       D.  $n - 1.1$

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