

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

- 1) 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. $p \times 0.06$ C. $p - 0.06p$ D. $p - 0.06$
- 2) 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. $i - 1.25$ B. $i - 0.25i$ C. $i \times 0.25$ D. $i - 0.25$
- 3) Over the summer gas prices dropped 1%. Which expression shows the new price of a gallon of gas? (the old price is represented by g)
A. $g - 0.01g$ B. $g - 1.01$ C. $g - 0.01$ D. $g \times 0.01$
- 4) Cody drew a square with each side being exactly 13 centimeters long. If he wanted to make the square 13% larger which expression can he use to find the new sides length?
A. $13 + 1.13$ B. 13×0.13 C. 13×1.13 D. $13 + 0.13$
- 5) The regular price of a computer was 603 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. $n - 0.1$ B. $n - 1.1$ C. $n \times 0.1$ D. $n - 10$
- 6) A sandwich shop was charging \$1.96 for a sandwich, but raised the price 10% making them cost \$2.16. Which expression shows how the new price was calculated?
A. 1.96×0.1 B. $1.96 + 0.1$ C. $1.96 + 1.1$ D. 1.96×1.1
- 7) A mall kiosk needed to buy 21 new cell phone cases at z dollars a piece. Because they were buying so many they got 11% off the price. Which expression shows how much money they saved?
A. $21z - 0.11$ B. $0.11 \times 21z$ C. $21z + 1.11$ D. $21z + 0.11$
- 8) This years model of a cell phone is 8 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. $w \div 1.08$ B. $w \times 0.08$ C. $w - 0.08$ D. $w - 1.08$
- 9) A store raised the price on watermelons 7%. The original price for each was X dollars. Which expression shows the new price of the watermelons?
A. $X + 1.07$ B. $X + (0.07 \times X)$ C. $X \times 0.07$ D. $X + 0.07$
- 10) A box of cereal advertised having 13% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y + (0.13 \times y)$ B. $y + 1.13$ C. $y \times 0.13$ D. $y + 0.13$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
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Answers

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