Answers



Determine which expression is the correct answer.

- 1) A company was having a sale for 13% off the price of computer monitors. Which expression shows how much money you would save if you bought 30 monitors for z dollars a piece?
 - A. $0.13 \times 30z$
- B. 30z + 1.13
- C. 30z 0.13
- D. 30z + 0.13
- 2) A house was on sell for \$48,773. If you wanted to offer 12% less than the asking price(p) which expression shows how much you should offer?
 - A. $p \times 0.12$
- B. p 0.12p
- C. p 1.12
- D. p 0.12
- 3) While clearing out some old inventory a store offered 15 percent off of any item(i). Which expression can be used to calculate the new cost of an item?
 - A. $i \times 0.15$
- B. i 1.15
- C. i 0.15
- D. i 0.15i
- 4) This years model of a cell phone is 9 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 1.09
- B. w 0.09
- C. $w \div 1.09$
- D. $w \times 0.09$
- 5) 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. $g \times 0.01$
- B. g 0.01
- C. g 0.01g
- D. g 1.01
- 6) A mall kiosk needed to buy 33 new cell phone cases at z dollars a piece. Because they were buying so many they got 10% off the price. Which expression shows how much money they saved?
 - A. $0.1 \times 33z$
- B. 33z + 1.1
- C. 33z + 0.1
- D. 33z 0.1
- 7) 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. $p \times 0.06$
- D. p 0.06
- **8)** A sandwich shop was charging \$2.08 for a sandwich, but raised the price 9% making them cost \$2.27. Which expression shows how the new price was calculated?
 - A. 2.08×1.09
- B. 2.08 + 0.09
- C. 2.08×0.09
- D. 2.08 + 1.09
- 9) An icecream bar was 743 calories. If they increased the size of the bar by 9% which expression can be used to find the new calorie count?
 - A. 743 + 0.09
- B. 743 + 1.09
- C. 743×1.09
- D. 743×0.09
- **10**) 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. $X + (0.07 \times X)$
- B. X + 0.07
- C. $X \times 0.07$
- D. X + 1.07

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Answers

- **B**
- 3. **D**
- . **C**
- . **C**
- 6. **A**
- . **B**
- 8. **A**
- 9. **C**
- 10. **A**