

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

- 1) A cell phone company dropped the prices on their phones by 10%. Which expression shows the new price of the phones(p)?
A. $p - 0.1$ B. $p - 0.1p$ C. $p - 1.1$ D. $p \times 0.1$
- 2) 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. $w - 0.08$ B. $w - 1.08$ C. $w \div 1.08$ D. $w \times 0.08$
- 3) A sandwich shop was charging \$2.36 for a sandwich, but raised the price 5% making them cost \$2.48. Which expression shows how the new price was calculated?
A. $2.36 + 1.05$ B. 2.36×0.05 C. $2.36 + 0.05$ D. 2.36×1.05
- 4) The regular price of a computer was 819 dollars, but over the weekend it'll be on sale for for 24 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $n - 24$ B. $n - 1.24$ C. $n \times 0.24$ D. $n - 0.24$
- 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. $g - 0.01g$ B. $g - 0.01$ C. $g - 1.01$ D. $g \times 0.01$
- 6) A mall kiosk needed to buy 47 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. $47z - 0.1$ B. $0.1 \times 47z$ C. $47z + 1.1$ D. $47z + 0.1$
- 7) A company was having a sale for 10% 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. $30z + 1.1$ B. $0.1 \times 30z$ C. $30z + 0.1$ D. $30z - 0.1$
- 8) A house was on sell for \$23,186. If you wanted to offer 7% less than the asking price(p) which expression shows how much you should offer?
A. $p - 1.07$ B. $p - 0.07$ C. $p \times 0.07$ D. $p - 0.07p$
- 9) While clearing out some old inventory a store offered 30 percent off of any item(i). Which expression can be used to calculate the new cost of an item?
A. $i - 0.3i$ B. $i - 0.3$ C. $i \times 0.3$ D. $i - 1.3$
- 10) Last year the price of a college textbook(b) was \$124. This year the price will be 7% higher. Which expression shows the difference in price from last year to this year?
A. $b - 0.07$ B. $b \times 0.07$ C. $b - 7$ D. $b - 1.07$

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

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