

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

- 1) The regular price of a computer was 801 dollars, but over the weekend it'll be on sale for for 13 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $n \times 0.13$ B. $n - 0.13$ C. $n - 1.13$ D. $n - 13$
- 2) An icecream bar was 966 calories. If they increased the size of the bar by 3% which expression can be used to find the new calorie count?
A. $966 + 1.03$ B. 966×1.03 C. 966×0.03 D. $966 + 0.03$
- 3) A company was having a sale for 19% 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. $27z - 0.19$ B. $27z + 0.19$ C. $0.19 \times 27z$ D. $27z + 1.19$
- 4) A cell phone company dropped the prices on their phones by 7%. Which expression shows the new price of the phones(p)?
A. $p \times 0.07$ B. $p - 0.07$ C. $p - 1.07$ D. $p - 0.07p$
- 5) 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. $i - 0.15i$ B. $i - 0.15$ C. $i \times 0.15$ D. $i - 1.15$
- 6) Last year the price of a college textbook(b) was \$180. This year the price will be 25% higher. Which expression shows the difference in price from last year to this year?
A. $b - 1.25$ B. $b \times 0.25$ C. $b - 25$ D. $b - 0.25$
- 7) Joe was earning \$7 an hour before his raise. After his 5% raise he was making \$7.35 an hour. Which expression shows how his new hourly rate was calculated?
A. 7×1.05 B. $7 + 0.05$ C. $7 + 1.05$ D. 7×0.05
- 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. $w - 1.08$ B. $w \div 1.08$ C. $w - 0.08$ D. $w \times 0.08$
- 9) A box of cereal advertised having 9% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y + (0.09 \times y)$ B. $y \times 0.09$ C. $y + 0.09$ D. $y + 1.09$
- 10) A sandwich shop was charging \$3.16 for a sandwich, but raised the price 8% making them cost \$3.41. Which expression shows how the new price was calculated?
A. $3.16 + 1.08$ B. 3.16×1.08 C. 3.16×0.08 D. $3.16 + 0.08$

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