

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

- 1) Joe was earning \$9 an hour before his raise. After his 5% raise he was making \$9.45 an hour. Which expression shows how his new hourly rate was calculated?
A. 9×0.05 B. $9 + 1.05$ C. 9×1.05 D. $9 + 0.05$
- 2) A box of cereal advertised having 43% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y + 0.43$ B. $y + (0.43 \times y)$ C. $y + 1.43$ D. $y \times 0.43$
- 3) A mall kiosk needed to buy 49 new cell phone cases at z dollars a piece. Because they were buying so many they got 9% off the price. Which expression shows how much money they saved?
A. $49z - 0.09$ B. $49z + 1.09$ C. $0.09 \times 49z$ D. $49z + 0.09$
- 4) A house was on sell for \$51,489. If you wanted to offer 15% less than the asking price(p) which expression shows how much you should offer?
A. $p - 0.15$ B. $p \times 0.15$ C. $p - 0.15p$ D. $p - 1.15$
- 5) The regular price of a computer was 761 dollars, but over the weekend it'll be on sale for 24 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $n - 24$ B. $n - 0.24$ C. $n - 1.24$ D. $n \times 0.24$
- 6) Last year the price of a college textbook(b) was \$107. This year the price will be 17% higher. Which expression shows the difference in price from last year to this year?
A. $b - 1.17$ B. $b \times 0.17$ C. $b - 0.17$ D. $b - 17$
- 7) 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. $g \times 0.01$ D. $g - 0.01$
- 8) An icecream bar was 668 calories. If they increased the size of the bar by 6% which expression can be used to find the new calorie count?
A. 668×0.06 B. $668 + 0.06$ C. 668×1.06 D. $668 + 1.06$
- 9) A cell phone company dropped the prices on their phones by 8%. Which expression shows the new price of the phones(p)?
A. $p - 1.08$ B. $p \times 0.08$ C. $p - 0.08p$ D. $p - 0.08$
- 10) 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 25 monitors for z dollars a piece?
A. $25z + 1.11$ B. $25z - 0.11$ C. $0.11 \times 25z$ D. $25z + 0.11$

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

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