

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

- 1) Henry drew a square with each side being exactly 7 centimeters long. If he wanted to make the square 8% larger which expression can he use to find the new sides length?
A. 7×1.08 B. $7 + 0.08$ C. 7×0.08 D. $7 + 1.08$
- 2) A store raised the price on watermelons 4%. The original price for each was X dollars. Which expression shows the new price of the watermelons?
A. $X + 0.04$ B. $X \times 0.04$ C. $X + (0.04 \times X)$ D. $X + 1.04$
- 3) A box of cereal advertised having 29% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y \times 0.29$ B. $y + 0.29$ C. $y + (0.29 \times y)$ D. $y + 1.29$
- 4) An icecream bar was 248 calories. If they increased the size of the bar by 2% which expression can be used to find the new calorie count?
A. 248×0.02 B. $248 + 0.02$ C. $248 + 1.02$ D. 248×1.02
- 5) 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. $w \times 0.09$ C. $w \div 1.09$ D. $w - 0.09$
- 6) The regular price of a computer was 733 dollars, but over the weekend it'll be on sale for for 5 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $n - 0.05$ B. $n - 5$ C. $n - 1.05$ D. $n \times 0.05$
- 7) Joe was earning \$10 an hour before his raise. After his 5% raise he was making \$10.5 an hour. Which expression shows how his new hourly rate was calculated?
A. 10×1.05 B. $10 + 1.05$ C. 10×0.05 D. $10 + 0.05$
- 8) A company was having a sale for 6% 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. $35z + 0.06$ B. $35z - 0.06$ C. $35z + 1.06$ D. $0.06 \times 35z$
- 9) A cell phone company dropped the prices on their phones by 9%. Which expression shows the new price of the phones(p)?
A. $p \times 0.09$ B. $p - 0.09p$ C. $p - 0.09$ D. $p - 1.09$
- 10) A mall kiosk needed to buy 43 new cell phone cases at z dollars a piece. Because they were buying so many they got 18% off the price. Which expression shows how much money they saved?
A. $43z - 0.18$ B. $43z + 0.18$ C. $43z + 1.18$ D. $0.18 \times 43z$

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