

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

- 1) An icecream bar was 559 calories. If they increased the size of the bar by 5% which expression can be used to find the new calorie count?
A. 559×0.05 B. $559 + 1.05$ C. 559×1.05 D. $559 + 0.05$
- 2) A house was on sell for \$21,092. If you wanted to offer 10% less than the asking price(p) which expression shows how much you should offer?
A. $p - 1.1$ B. $p - 0.1p$ C. $p - 0.1$ D. $p \times 0.1$
- 3) A sandwich shop was charging \$1.48 for a sandwich, but raised the price 5% making them cost \$1.55. Which expression shows how the new price was calculated?
A. 1.48×1.05 B. $1.48 + 1.05$ C. $1.48 + 0.05$ D. 1.48×0.05
- 4) A store raised the price on watermelons 1%. The original price for each was X dollars. Which expression shows the new price of the watermelons?
A. $X + (0.01 \times X)$ B. $X + 1.01$ C. $X \times 0.01$ D. $X + 0.01$
- 5) A mall kiosk needed to buy 34 new cell phone cases at z dollars a piece. Because they were buying so many they got 15% off the price. Which expression shows how much money they saved?
A. $0.15 \times 34z$ B. $34z - 0.15$ C. $34z + 1.15$ D. $34z + 0.15$
- 6) A company was having a sale for 5% 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. $26z - 0.05$ B. $0.05 \times 26z$ C. $26z + 1.05$ D. $26z + 0.05$
- 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. 10×0.05 B. $10 + 0.05$ C. 10×1.05 D. $10 + 1.05$
- 8) The regular price of a computer was 820 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. $n - 0.13$ B. $n - 13$ C. $n - 1.13$ D. $n \times 0.13$
- 9) Last year the price of a college textbook(b) was \$277. This year the price will be 7% higher. Which expression shows the difference in price from last year to this year?
A. $b \times 0.07$ B. $b - 0.07$ C. $b - 1.07$ D. $b - 7$
- 10) A box of cereal advertised having 17% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y + 1.17$ B. $y \times 0.17$ C. $y + (0.17 \times y)$ D. $y + 0.17$

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

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