

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

- 1) A store raised the price on watermelons 13%. The original price for each was X dollars. Which expression shows the new price of the watermelons?
A. $X + (0.13 \times X)$ B. $X + 1.13$ C. $X \times 0.13$ D. $X + 0.13$
- 2) Billy drew a square with each side being exactly 6 centimeters long. If he wanted to make the square 10% larger which expression can he use to find the new sides length?
A. $6 + 1.1$ B. 6×1.1 C. 6×0.1 D. $6 + 0.1$
- 3) A box of cereal advertised having 39% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y \times 0.39$ B. $y + 0.39$ C. $y + 1.39$ D. $y + (0.39 \times y)$
- 4) Last year the price of a college textbook(b) was \$248. This year the price will be 10% higher. Which expression shows the difference in price from last year to this year?
A. $b - 1.1$ B. $b - 0.1$ C. $b - 10$ D. $b \times 0.1$
- 5) A sandwich shop was charging \$2.90 for a sandwich, but raised the price 10% making them cost \$3.19. Which expression shows how the new price was calculated?
A. $2.9 + 0.1$ B. $2.9 + 1.1$ C. 2.9×0.1 D. 2.9×1.1
- 6) Over the summer gas prices dropped 3%. Which expression shows the new price of a gallon of gas? (the old price is represented by g)
A. $g - 1.03$ B. $g - 0.03g$ C. $g - 0.03$ D. $g \times 0.03$
- 7) A mall kiosk needed to buy 32 new cell phone cases at z dollars a piece. Because they were buying so many they got 16% off the price. Which expression shows how much money they saved?
A. $32z + 0.16$ B. $0.16 \times 32z$ C. $32z - 0.16$ D. $32z + 1.16$
- 8) 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. $37z + 0.19$ B. $37z - 0.19$ C. $37z + 1.19$ D. $0.19 \times 37z$
- 9) A cell phone company dropped the prices on their phones by 8%. Which expression shows the new price of the phones(p)?
A. $p - 0.08p$ B. $p - 1.08$ C. $p \times 0.08$ D. $p - 0.08$
- 10) The regular price of a computer was 570 dollars, but over the weekend it'll be on sale for for 7 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $n - 0.07$ B. $n - 7$ C. $n \times 0.07$ D. $n - 1.07$

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