



Determine which expression is the correct answer.

Answers

- 1) 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. $p - 1.07$ C. $p - 0.07$ D. $p - 0.07p$

- 2) Sam drew a square with each side being exactly 12 centimeters long. If he wanted to make the square 12% larger which expression can he use to find the new sides length?
 A. 12×0.12 B. $12 + 1.12$ C. 12×1.12 D. $12 + 0.12$

- 3) A company was having a sale for 17% off the price of computer monitors. Which expression shows how much money you would save if you bought 26 monitors for z dollars a piece?
 A. $26z + 0.17$ B. $26z - 0.17$ C. $26z + 1.17$ D. $0.17 \times 26z$

- 4) A sandwich shop was charging \$1.62 for a sandwich, but raised the price 8% making them cost \$1.75. Which expression shows how the new price was calculated?
 A. 1.62×1.08 B. $1.62 + 1.08$ C. 1.62×0.08 D. $1.62 + 0.08$

- 5) Last year the price of a college textbook(b) was \$125. This year the price will be 22% higher. Which expression shows the difference in price from last year to this year?
 A. $b \times 0.22$ B. $b - 0.22$ C. $b - 1.22$ D. $b - 22$

- 6) While clearing out some old inventory a store offered 50 percent off of any item(i). Which expression can be used to calculate the new cost of an item?
 A. $i - 1.5$ B. $i - 0.5$ C. $i - 0.5i$ D. $i \times 1.5$

- 7) A mall kiosk needed to buy 24 new cell phone cases at z dollars a piece. Because they were buying so many they got 19% off the price. Which expression shows how much money they saved?
 A. $24z + 1.19$ B. $24z + 0.19$ C. $0.19 \times 24z$ D. $24z - 0.19$

- 8) Joe was earning \$11 an hour before his raise. After his 5% raise he was making \$11.55 an hour. Which expression shows how his new hourly rate was calculated?
 A. $11 + 0.05$ B. 11×1.05 C. 11×0.05 D. $11 + 1.05$

- 9) A house was on sell for \$59,002. If you wanted to offer 11% less than the asking price(p) which expression shows how much you should offer?
 A. $p \times 0.11$ B. $p - 0.11$ C. $p - 1.11$ D. $p - 0.11p$

- 10) A store raised the price on watermelons 8%. The original price for each was X dollars. Which expression shows the new price of the watermelons?
 A. $X + 0.08$ B. $X + 1.08$ C. $X \times 0.08$ D. $X + (0.08 \times X)$

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



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