



Determine which expression is the correct answer.

- 1) A cell phone company dropped the prices on their phones by 9%. Which expression shows the new price of the phone(p)?
A. $p - 0.09p$ B. $p - 1.09$ C. $p \times 0.09$ D. $p - 0.09$
- 2) 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. $g \times 0.03$ B. $g - 1.03$ C. $g - 0.03g$ D. $g - 0.03$
- 3) While clearing out some old inventory a store offered 10 percent off of any item(i). Which expression can be used to calculate the new cost of an item?
A. $i - 1.1$ B. $i - 0.1i$ C. $i \times 0.1$ D. $i - 0.1$
- 4) 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. 11×1.05 B. 11×0.05 C. $11 + 0.05$ D. $11 + 1.05$
- 5) A mall kiosk needed to buy 33 new cell phone cases at z dollars a piece. Because they were buying so many they got 5% off the price. Which expression shows how much money they saved?
A. $33z - 0.05$ B. $0.05 \times 33z$ C. $33z + 0.05$ D. $33z + 1.05$
- 6) Roger drew a square with each side being exactly 12 centimeters long. If he wanted to make the square 6% larger which expression can he use to find the new sides length?
A. $12 + 1.06$ B. 12×1.06 C. 12×0.06 D. $12 + 0.06$
- 7) The regular price of a computer was 893 dollars, but over the weekend it'll be on sale for 10 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $n - 10$ B. $n \times 0.1$ C. $n - 1.1$ D. $n - 0.1$
- 8) A house was on sell for \$23,474. If you wanted to offer 7% less than the asking price(p) which expression shows how much you should offer?
A. $p - 0.07$ B. $p - 0.07p$ C. $p - 1.07$ D. $p \times 0.07$
- 9) 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 25 monitors for z dollars a piece?
A. $25z - 0.19$ B. $25z + 1.19$ C. $0.19 \times 25z$ D. $25z + 0.19$
- 10) Last year the price of a college textbook(b) was \$197. This year the price will be 13% higher. Which expression shows the difference in price from last year to this year?
A. $b \times 0.13$ B. $b - 1.13$ C. $b - 0.13$ D. $b - 13$

Answers

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