Determine which expression is the correct answer.

Answers

1) A house was on sell for \$23,451. If you wanted to offer 6% less than the asking price(p) which expression shows how much you should offer?

   A. p - 1.06   B. p - 0.06   C. p - 0.06p   D. p × 0.06

2) Luke drew a square with each side being exactly 9 centimeters long. If he wanted to make the square 5% larger which expression can he use to find the new sides length?

   A. 9 × 1.05   B. 9 + 1.05   C. 9 + 0.05   D. 9 × 0.05

3) 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

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   B. X + 1.01   C. X + (0.01 × X)   D. X × 0.01

5) Over the summer gas prices dropped 1%. Which expression shows the new price of a gallon of gas? (the old price is represented by g)

   A. g - 0.01   B. g × 0.01   C. g - 0.01g   D. g - 1.01

6) An icecream bar was 224 calories. If they increased the size of the bar by 8% which expression can be used to find the new calorie count?

   A. 224 × 1.08   B. 224 + 0.08   C. 224 × 0.08   D. 224 + 1.08

7) A mall kiosk needed to buy 23 new cell phone cases at z dollars a piece. Because they were buying so many they got 7% off the price. Which expression shows how much money they saved?

   A. 23z + 0.07   B. 0.07 × 23z   C. 23z + 1.07   D. 23z - 0.07

8) Last year the price of a college textbook(b) was \$195. This year the price will be 6% higher. Which expression shows the difference in price from last year to this year?

   A. b - 1.06   B. b × 0.06   C. b - 0.06   D. b - 6

9) This years model of a cell phone is 7 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 - 0.07   B. w - 1.07   C. w × 0.07   D. w ÷ 1.07

10) The regular price of a computer was 573 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 - 7   B. n × 0.07   C. n - 0.07   D. n - 1.07

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

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Answers

1. __**C**__

2. __**A**__

3. __**D**__

4. __**C**__

5. __**C**__

6. __**A**__

7. __**B**__

8. __**B**__

9. __**D**__

10. __**B**__

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |