Determine which expression is the correct answer.

1) A store raised the price on watermelons 11%. The original price for each was X dollars. Which expression shows the new price of the watermelons?
   A. X + (0.11 × X)   B. X + 1.11   C. X + 0.11   D. X × 0.11

2) A house was on sell for $39,870. If you wanted to offer 9% less than the asking price(p) which expression shows how much you should offer?
   A. p - 0.09   B. p - 1.09   C. p × 0.09   D. p - 0.09p

3) While clearing out some old inventory a store offered 40 percent off of any item(i). Which expression can be used to calculate the new cost of an item?
   A. i - 0.4   B. i × 0.4   C. i - 1.4   D. i - 0.4i

4) John drew a square with each side being exactly 9 centimeters long. If he wanted to make the square 9% larger which expression can he use to find the new sides length?
   A. 9 + 0.09   B. 9 × 1.09   C. 9 + 1.09   D. 9 × 0.09

5) 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 - 0.03   B. g - 0.03g   C. g × 0.03   D. g - 1.03

6) Last year the price of a college textbook(b) was $124. This year the price will be 10% higher. Which expression shows the difference in price from last year to this year?
   A. b × 0.1   B. b - 10   C. b - 0.1   D. b - 1.1

7) An icecream bar was 762 calories. If they increased the size of the bar by 10% which expression can be used to find the new calorie count?
   A. 762 + 1.1   B. 762 + 0.1   C. 762 × 1.1   D. 762 × 0.1

8) A mall kiosk needed to buy 23 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. 23z - 0.05   B. 23z + 0.05   C. 0.05 × 23z   D. 23z + 1.05

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 - 1.08   B. p - 0.08   C. p × 0.08   D. p - 0.08p

10) A box of cereal advertised having 49% 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 + 1.49   B. y + 0.49   C. y × 0.49   D. y + (0.49 × y)
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