Determine which expression is the correct answer.

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 × 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 side's 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 × 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 × 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 × 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 × 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 × 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 × 0.08   D. X + (0.08 × X)
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