Determine which expression is the correct answer.

1) This year's model of a cell phone is 5 percent heavier than last year's. This year's model weight is represented by $w$. Which expression can be used to calculate the weight of last year's model?
   A. $w - 0.05$
   B. $w \times 0.05$
   C. $w \div 1.05$
   D. $w - 1.05$

2) Last year the price of a college textbook ($b$) was $258. This year the price will be 11% higher. Which expression shows the difference in price from last year to this year?
   A. $b \times 0.11$
   B. $b - 11$
   C. $b - 0.11$
   D. $b - 1.11$

3) A company was having a sale for 10% off the price of computer monitors. Which expression shows how much money you would save if you bought 21 monitors for $z$ dollars each?
   A. $21z - 0.1$
   B. $21z + 0.1$
   C. $0.1 \times 21z$
   D. $21z + 1.1$

4) A sandwich shop was charging $1.79 for a sandwich, but raised the price 5% making them cost $1.88. Which expression shows how the new price was calculated?
   A. $1.79 \times 1.05$
   B. $1.79 + 0.05$
   C. $1.79 + 1.05$
   D. $1.79 \times 0.05$

5) An ice cream bar was 692 calories. If they increased the size of the bar by 3% which expression can be used to find the new calorie count?
   A. $692 + 0.03$
   B. $692 \times 0.03$
   C. $692 \times 1.03$
   D. $692 + 1.03$

6) A cell phone company dropped the prices on their phones by 6%. Which expression shows the new price of the phones ($p$)?
   A. $p - 0.06p$
   B. $p - 0.06$
   C. $p - 1.06$
   D. $p \times 0.06$

7) 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. $g - 1.03$
   B. $g \times 0.03$
   C. $g - 0.03$
   D. $g - 0.03g$

8) Oliver drew a square with each side being exactly 14 centimeters long. If he wanted to make the square 5% larger which expression can he use to find the new side's length?
   A. $14 + 1.05$
   B. $14 + 0.05$
   C. $14 \times 0.05$
   D. $14 \times 1.05$

9) A mall kiosk needed to buy 45 new cell phone cases at $z$ dollars each. Because they were buying so many they got 15% off the price. Which expression shows how much money they saved?
   A. $0.15 \times 45z$
   B. $45z + 0.15$
   C. $45z - 0.15$
   D. $45z + 1.15$

10) A store raised the price on watermelons 6%. The original price for each was $X$ dollars. Which expression shows the new price of the watermelons?
    A. $X + 1.06$
    B. $X + 0.06$
    C. $X \times 0.06$
    D. $X + (0.06 \times X)$
Determine which expression is the correct answer.

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