## Determine which expression is the correct answer.

1) An icecream bar was 631 calories. If they increased the size of the bar by $5 \%$ which expression can be used to find the new calorie count?
A. $631+1.05$
B. $631+0.05$
C. $631 \times 1.05$
D. $631 \times 0.05$
2) Oliver drew a square with each side being exactly 15 centimeters long. If he wanted to make the square $12 \%$ larger which expression can he use to find the new sides length?
A. $15+0.12$
B. $15 \times 0.12$
C. $15 \times 1.12$
D. $15+1.12$
3) This years model of a cell phone is 13 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-1.13
B. $\mathrm{w} \div 1.13$
C. w-0.13
D. $w \times 0.13$
4) A cell phone company dropped the prices on their phones by $10 \%$. Which expression shows the new price of the phones $(\mathrm{p})$ ?
A. $p \times 0.1$
B. p-0.1
C. $\mathrm{p}-1.1$
D. $\mathrm{p}-0.1 \mathrm{p}$
5) A box of cereal advertised having $30 \%$ more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y+(0.3 \times y)$
B. $\mathrm{y}+1.3$
C. $\mathrm{y}+0.3$
D. $\mathrm{y} \times 0.3$
6) While clearing out some old inventory a store offered 30 percent off of any item(i). Which expression can be used to calculate the new cost of an item?
A. i- 0.3 i
B. $\mathrm{i} \times 0.3$
C. i-1.3
D. i-0.3
7) The regular price of a computer was 724 dollars, but over the weekend it'll be on sale for for 15 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $\mathrm{n} \times 0.15$
B. $\mathrm{n}-15$
C. $\mathrm{n}-0.15$
D. $\mathrm{n}-1.15$
8) A sandwich shop was charging $\$ 1.58$ for a sandwich, but raised the price $9 \%$ making them cost $\$ 1.72$. Which expression shows how the new price was calculated?
A. $1.58 \times 1.09$
B. $1.58+0.09$
C. $1.58 \times 0.09$
D. $1.58+1.09$
9) Last year the price of a college textbook(b) was $\$ 127$. This year the price will be $6 \%$ higher. Which expression shows the difference in price from last year to this year?
A. $\mathrm{b} \times 0.06$
B. b-0.06
C. b-6
D. b-1.06
10) A mall kiosk needed to buy 35 new cell phone cases at $z$ dollars a piece. Because they were buying so many they got $10 \%$ off the price. Which expression shows how much money they saved?
A. $0.1 \times 35 \mathrm{z}$
B. $35 \mathrm{z}-0.1$
C. $35 z+1.1$
D. $35 z+0.1$

Answers

1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$

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Answers

1. C
2. C

3 $\qquad$
4.

5. $\qquad$
6. $\mathbf{A}$
7. A

9. $\qquad$ A
10. A

