

**Determine which expression is the correct answer.****Answers**

- 1) A mall kiosk needed to buy 40 new cell phone cases at z dollars a piece. Because they were buying so many they got 18% off the price. Which expression shows how much money they saved?
A. $0.18 \times 40z$ B. $40z - 0.18$ C. $40z + 1.18$ D. $40z + 0.18$
- 2) 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. $i \times 0.3$ B. $i - 1.3$ C. $i - 0.3$ D. $i - 0.3i$
- 3) A sandwich shop was charging \$2.71 for a sandwich, but raised the price 7% making them cost \$2.90. Which expression shows how the new price was calculated?
A. $2.71 + 0.07$ B. $2.71 + 1.07$ C. 2.71×0.07 D. 2.71×1.07
- 4) A company was having a sale for 8% off the price of computer monitors. Which expression shows how much money you would save if you bought monitors for z dollars a piece?
A. $25z + 0.08$ B. $25z - 0.08$ C. $25z + 1.08$ D. $0.08 \times 25z$
- 5) The regular price of a computer was 641 dollars, but over the weekend it'll be on sale for for 11 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $n - 0.11$ B. $n - 11$ C. $n - 1.11$ D. $n \times 0.11$
- 6) A cell phone company dropped the prices on their phones by 7%. Which expression shows the new price of the phones(p)?
A. $p \times 0.07$ B. $p - 1.07$ C. $p - 0.07p$ D. $p - 0.07$
- 7) A box of cereal advertised having 35% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y + 1.35$ B. $y + (0.35 \times y)$ C. $y + 0.35$ D. $y \times 0.35$
- 8) Over the summer gas prices dropped 2%. Which expression shows the new price of a gallon of gas? (the old price is represented by g)
A. $g - 1.02$ B. $g - 0.02$ C. $g - 0.02g$ D. $g \times 0.02$
- 9) An icecream bar was 559 calories. If they increased the size of the bar by 10% which expression can be used to find the new calorie count?
A. 559×1.1 B. 559×0.1 C. $559 + 1.1$ D. $559 + 0.1$
- 10) This years model of a cell phone is 10 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. $w \times 0.1$ B. $w \div 1.1$ C. $w - 0.1$ D. $w - 1.1$

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

**Determine which expression is the correct answer.****Answers**

- 1) A mall kiosk needed to buy 40 new cell phone cases at z dollars a piece. Because they were buying so many they got 18% off the price. Which expression shows how much money they saved?
A. $0.18 \times 40z$ B. $40z - 0.18$ C. $40z + 1.18$ D. $40z + 0.18$
- 2) 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. $i \times 0.3$ B. $i - 1.3$ C. $i - 0.3$ D. $i - 0.3i$
- 3) A sandwich shop was charging \$2.71 for a sandwich, but raised the price 7% making them cost \$2.90. Which expression shows how the new price was calculated?
A. $2.71 + 0.07$ B. $2.71 + 1.07$ C. 2.71×0.07 D. 2.71×1.07
- 4) A company was having a sale for 8% off the price of computer monitors. Which expression shows how much money you would save if you bought monitors for z dollars a piece?
A. $25z + 0.08$ B. $25z - 0.08$ C. $25z + 1.08$ D. $0.08 \times 25z$
- 5) The regular price of a computer was 641 dollars, but over the weekend it'll be on sale for for 11 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $n - 0.11$ B. $n - 11$ C. $n - 1.11$ D. $n \times 0.11$
- 6) A cell phone company dropped the prices on their phones by 7%. Which expression shows the new price of the phones(p)?
A. $p \times 0.07$ B. $p - 1.07$ C. $p - 0.07p$ D. $p - 0.07$
- 7) A box of cereal advertised having 35% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y + 1.35$ B. $y + (0.35 \times y)$ C. $y + 0.35$ D. $y \times 0.35$
- 8) Over the summer gas prices dropped 2%. Which expression shows the new price of a gallon of gas? (the old price is represented by g)
A. $g - 1.02$ B. $g - 0.02$ C. $g - 0.02g$ D. $g \times 0.02$
- 9) An icecream bar was 559 calories. If they increased the size of the bar by 10% which expression can be used to find the new calorie count?
A. 559×1.1 B. 559×0.1 C. $559 + 1.1$ D. $559 + 0.1$
- 10) This years model of a cell phone is 10 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. $w \times 0.1$ B. $w \div 1.1$ C. $w - 0.1$ D. $w - 1.1$

1. **A**
2. **D**
3. **D**
4. **D**
5. **D**
6. **C**
7. **B**
8. **C**
9. **A**
10. **B**