

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

- 1) The regular price of a computer was 488 dollars, but over the weekend it'll be on sale for for 22 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $n \times 0.22$ B. $n - 0.22$ C. $n - 22$ D. $n - 1.22$
- 2) An icecream bar was 602 calories. If they increased the size of the bar by 8% which expression can be used to find the new calorie count?
A. 602×0.08 B. 602×1.08 C. $602 + 0.08$ D. $602 + 1.08$
- 3) A mall kiosk needed to buy 47 new cell phone cases at z dollars a piece. Because they were buying so many they got 20% off the price. Which expression shows how much money they saved?
A. $47z - 0.2$ B. $47z + 1.2$ C. $0.2 \times 47z$ D. $47z + 0.2$
- 4) 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. $g \times 0.03$ B. $g - 1.03$ C. $g - 0.03$ D. $g - 0.03g$
- 5) A house was on sell for \$51,056. If you wanted to offer 9% less than the asking price(p) which expression shows how much you should offer?
A. $p \times 0.09$ B. $p - 1.09$ C. $p - 0.09p$ D. $p - 0.09$
- 6) A box of cereal advertised having 14% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y + (0.14 \times y)$ B. $y + 1.14$ C. $y \times 0.14$ D. $y + 0.14$
- 7) A cell phone company dropped the prices on their phones by 9%. Which expression shows the new price of the phones(p)?
A. $p \times 0.09$ B. $p - 0.09p$ C. $p - 0.09$ D. $p - 1.09$
- 8) A sandwich shop was charging \$1.75 for a sandwich, but raised the price 7% making them cost \$1.87. Which expression shows how the new price was calculated?
A. 1.75×0.07 B. $1.75 + 0.07$ C. 1.75×1.07 D. $1.75 + 1.07$
- 9) A company was having a sale for 7% 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. $21z + 1.07$ B. $0.07 \times 21z$ C. $21z + 0.07$ D. $21z - 0.07$
- 10) This years model of a cell phone is 5 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. $w - 0.05$ B. $w \times 0.05$ C. $w - 1.05$ D. $w \div 1.05$

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

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

- 1) The regular price of a computer was 488 dollars, but over the weekend it'll be on sale for for 22 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $n \times 0.22$ B. $n - 0.22$ C. $n - 22$ D. $n - 1.22$
- 2) An icecream bar was 602 calories. If they increased the size of the bar by 8% which expression can be used to find the new calorie count?
A. 602×0.08 B. 602×1.08 C. $602 + 0.08$ D. $602 + 1.08$
- 3) A mall kiosk needed to buy 47 new cell phone cases at z dollars a piece. Because they were buying so many they got 20% off the price. Which expression shows how much money they saved?
A. $47z - 0.2$ B. $47z + 1.2$ C. $0.2 \times 47z$ D. $47z + 0.2$
- 4) 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. $g \times 0.03$ B. $g - 1.03$ C. $g - 0.03$ D. $g - 0.03g$
- 5) A house was on sell for \$51,056. If you wanted to offer 9% less than the asking price(p) which expression shows how much you should offer?
A. $p \times 0.09$ B. $p - 1.09$ C. $p - 0.09p$ D. $p - 0.09$
- 6) A box of cereal advertised having 14% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y + (0.14 \times y)$ B. $y + 1.14$ C. $y \times 0.14$ D. $y + 0.14$
- 7) A cell phone company dropped the prices on their phones by 9%. Which expression shows the new price of the phones(p)?
A. $p \times 0.09$ B. $p - 0.09p$ C. $p - 0.09$ D. $p - 1.09$
- 8) A sandwich shop was charging \$1.75 for a sandwich, but raised the price 7% making them cost \$1.87. Which expression shows how the new price was calculated?
A. 1.75×0.07 B. $1.75 + 0.07$ C. 1.75×1.07 D. $1.75 + 1.07$
- 9) A company was having a sale for 7% 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. $21z + 1.07$ B. $0.07 \times 21z$ C. $21z + 0.07$ D. $21z - 0.07$
- 10) This years model of a cell phone is 5 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. $w - 0.05$ B. $w \times 0.05$ C. $w - 1.05$ D. $w \div 1.05$

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