

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

- 1) The regular price of a computer was 591 dollars, but over the weekend it'll be on sale for for 13 percent off. Which expression shows the difference in price from normal(n) to sale?
A. $n - 0.13$ B. $n - 13$ C. $n \times 0.13$ D. $n - 1.13$
- 2) A company was having a sale for 20% off the price of computer monitors. Which expression shows how much money you would save if you bought 40 monitors for z dollars a piece?
A. $z - 1.2$ B. $z - 0.2$ C. $z - 20$ D. $0.2 \times 40z$
- 3) A box of cereal advertised having 24% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?
A. $y - 0.24$ B. $y - 1.24$ C. $100y + 0.24$ D. $y + (0.24 \times y)$
- 4) Oliver drew a square with each side being exactly 6 centimeters long. If he wanted to make the square 13% larger which expression can he use to find the new sides length?
A. 6×1.13 B. $s - 1.13$ C. $s - 0.13$ D. $s - 13$
- 5) Joe was earning \$6 an hour before his raise. After his 5% raise he was making \$6.3 an hour. Which expression shows how his new hourly rate was calculated?
A. $r - 5$ B. 6×1.05 C. $r - 1.05$ D. $r - 0.05$
- 6) A sandwich shop was charging \$3.81 for a sandwich, but raised the price 9% making them cost \$4.15. Which expression shows how the new price was calculated?
A. 3.81×1.09 B. $s - 9$ C. $s - 0.09$ D. $s - 1.09$
- 7) Last year the price of a college textbook(b) was \$169. This year the price will be 22% higher. Which expression shows the difference in price from last year to this year?
A. $b - 22$ B. $b \times 0.22$ C. $b - 1.22$ D. $b - 0.22$
- 8) A mall kiosk needed to buy 27 new cell phone cases at z dollars a piece. Because they were buying so many they got 5% off the price. Which expression shows how much money they saved?
A. $z - 1.05$ B. $z - 0.05$ C. $0.05 \times 27z$ D. $z - 5$
- 9) 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. $p - 1.06$ C. $100p + 0.06$ D. $p - 0.06$
- 10) A store raised the price on watermelons 13%. The original price for each was X dollars. Which expression shows the new price of the watermelons?
A. $X + (0.13 \times X)$ B. $X - 0.13$ C. $100X + 0.13$ D. $X - 1.13$

1. _____

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6. _____

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10. _____

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