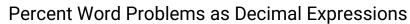
Determine which expression is the correct answer.

- 1) While clearing out some old inventory a store offered 6 percent off of any item(i). Which expression can be used to calculate the new cost of an item?
 - A. i 0.06i
- B. i 1.06
- C. 100i + 0.06
- D. i 0.06
- 2) A house was on sell for \$51,749. If you wanted to offer 15% less than the asking price(p) which expression shows how much you should offer?
 - A. p-1.15
- B. p-15
- C. p-0.15
- D. p-0.15p
- **3)** A company was having a sale for 16% off the price of computer monitors. Which expression shows how much money you would save if you bought 39 monitors for z dollars a piece?
 - A. z-16
- B. z-0.16
- C. z-1.16
- D. $0.16 \times 39z$
- **4)** This years model of a cell phone is 9 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. i-9
- B. i-0.09
- C. i-1.09
- D. i ÷ 1.09
- 5) A box of cereal advertised having 36% 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-1.36
- B. $y + (0.36 \times y)$
- C. y-0.36
- D. 100y + 0.36
- **6)** Sam drew a square with each side being exactly 10 centimeters long. If he wanted to make the square 8% larger which expression can he use to find the new sides length?
 - A. s-1.08
- B. 10 × 1.08
- C. s-0.08
- D. s-8
- 7) Last year the price of a college textbook(b) was \$182. This year the price will be 6% higher. Which expression shows the difference in price from last year to this year?
 - A. $b \times 0.06$
- B. b-6
- C. b 0.06
- D. b-1.06
- **8)** A mall kiosk needed to buy 37 new cell phone cases at z dollars a piece. Because they were buying so many they got 11% off the price. Which expression shows how much money they saved?
 - A. z-11
- B. z-0.11
- C. $0.11 \times 37z$
- D. z 1.11
- 9) The regular price of a computer was 430 dollars, but over the weekend it'll be on sale for for 10 percent off. Which expression shows the difference in price from normal(n) to sale?
 - A. n 1.1
- B. n-10
- C. $n \times 0.1$
- D. n 0.1
- **10)** A store raised the price on watermelons 10%. The original price for each was X dollars. Which expression shows the new price of the watermelons?
 - A. X 1.1
- B. $X + (0.1 \times X)$
- C. X-0.1
- D. 100X + 0.1

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- o. _____
- 6. _____
- 7. _____
- o. _____
- 10. _____



Answers

1.

2.

10.



Determine which expression is the correct answer.

- 1) While clearing out some old inventory a store offered 6 percent off of any item(i). Which expression can be used to calculate the new cost of an item?
 - A. i 0.06i
- B. i 1.06
- C. 100i + 0.06
- D. i-0.06
- 2) A house was on sell for \$51,749. If you wanted to offer 15% less than the asking price(p) which expression shows how much you should offer?
 - A. p-1.15
- B. p-15
- C. p-0.15
- D. p-0.15p
- 3) A company was having a sale for 16% off the price of computer monitors. Which expression shows how much money you would save if you bought 39 monitors for z dollars a piece?
 - A. z-16
- B. z-0.16
- C. z-1.16
- D. $0.16 \times 39z$
- **4)** This years model of a cell phone is 9 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. i-9
- B. i-0.09
- C. i-1.09
- D. i ÷ 1.09
- 5) A box of cereal advertised having 36% 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-1.36
- B. $y + (0.36 \times y)$
- C. y 0.36
- D. 100y + 0.36
- 6) Sam drew a square with each side being exactly 10 centimeters long. If he wanted to make the square 8% larger which expression can he use to find the new sides length?
 - A. s 1.08
- B. 10 × 1.08
- C. s-0.08
- D. s-8
- 7) Last year the price of a college textbook(b) was \$182. This year the price will be 6% higher. Which expression shows the difference in price from last year to this year?
 - A. $b \times 0.06$
- B. b-6
- C. b-0.06
- D. b-1.06
- **8)** A mall kiosk needed to buy 37 new cell phone cases at z dollars a piece. Because they were buying so many they got 11% off the price. Which expression shows how much money they saved?
 - A. z-11
- B. z-0.11
- C. $0.11 \times 37z$
- D. z 1.11
- 9) The regular price of a computer was 430 dollars, but over the weekend it'll be on sale for for 10 percent off. Which expression shows the difference in price from normal(n) to sale?
 - A. n 1.1
- B. n 10
- C. $n \times 0.1$
- D. n 0.1
- **10)** A store raised the price on watermelons 10%. The original price for each was X dollars. Which expression shows the new price of the watermelons?
 - A. X-1.1
- B. $X + (0.1 \times X)$
- C. X-0.1
- D. 100X + 0.1