Determine which expression is the correct answer.

1) The regular price of a computer was 801 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 - 0.13   C. n - 1.13   D. n - 13

2) An icecream bar was 966 calories. If they increased the size of the bar by 3% which expression can be used to find the new calorie count?

A. 966 + 1.03   B. 966 × 1.03   C. 966 × 0.03   D. 966 + 0.03

3) A company was having a sale for 19% 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. 27z - 0.19   B. 27z + 0.19   C. 0.19 × 27z   D. 27z + 1.19

4) A cell phone company dropped the prices on their phones by 7%. Which expression shows the new price of the phones(p)?

A. p × 0.07   B. p - 0.07   C. p - 1.07   D. p - 0.07p

5) While clearing out some old inventory a store offered 15 percent off of any item(i). Which expression can be used to calculate the new cost of an item?

A. i - 0.15i   B. i - 0.15   C. i × 0.15   D. i - 1.15

6) Last year the price of a college textbook(b) was $180. This year the price will be 25% higher. Which expression shows the difference in price from last year to this year?

A. b - 1.25   B. b × 0.25   C. b - 25   D. b - 0.25

7) Joe was earning $7 an hour before his raise. After his 5% raise he was making $7.35 an hour. Which expression shows how his new hourly rate was calculated?

A. 7 × 1.05   B. 7 + 0.05   C. 7 + 1.05   D. 7 × 0.05

8) This years model of a cell phone is 8 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 - 1.08   B. w ÷ 1.08   C. w - 0.08   D. w × 0.08

9) A box of cereal advertised having 9% 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 + (0.09 × y)   B. y × 0.09   C. y + 0.09   D. y + 1.09

10) A sandwich shop was charging $3.16 for a sandwich, but raised the price 8% making them cost $3.41. Which expression shows how the new price was calculated?

A. 3.16 + 1.08   B. 3.16 × 1.08   C. 3.16 × 0.08   D. 3.16 + 0.08

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Name:

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

1-10	90	80	70	60	50	40	30	20	10	0