	- Perce	nt Word Problems as	Decimal Expression	ns Name			
Determine which expression is the correct answer.							
1)	Over the summer gas prices dropped 1%. Which expression shows the new price of a gallon of gas? (the old price is represented by g)						
	A. $g \times 0.01$	B. g - 0.01g	C. g - 1.01	D. g - 0.01	2.		
2)	An icecream bar was 415 calories. If they increased the size of the bar by 3% which expression can be used to find the new calorie count?						
	A. 415 + 1.03	B. 415 + 0.03	C. 415 × 1.03	D. 415 × 0.03	4.		
3)	This years model of represent by w. Whi	s. This years model weight is at of last years model?	5.				
	A. w ÷ 1.11	B. $w \times 0.11$	C. w - 1.11	D. w - 0.11	6.		
4)	A box of cereal advertised having 47% 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 + 0.47	B. y × 0.47	C. y + 1.47	D. $y + (0.47 \times y)$	8		
5)	Last year the price of a college textbook(b) was \$118. This year the price will be 2% higher. Which expression shows the difference in price from last year to this year?						
	A. b - 0.02	B. b - 1.02	C. b - 2	D. $b \times 0.02$	10		
6)	A store raised the price on watermelons 2%. The original price for each was X dollars. Which expression shows the new price of the watermelons?						
	A. X + 1.02	B. X + $(0.02 \times X)$	C. X + 0.02	D. $X \times 0.02$			
7)	A company was having a sale for 11% 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. 0.11 × 37z	B. 37z - 0.11	C. 37z + 1.11	D. $37z + 0.11$			
8)	While clearing out some old inventory a store offered 35 percent off of any item(i). Which expression can be used to calculate the new cost of an item?						
	A. i - 0.35	B. i - 1.35	C. i - 0.35i	D. i × 0.35			
9)	A mall kiosk needed to buy 36 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. 36z + 1.2	B. 36z - 0.2	C. 36z + 0.2	D. $0.2 \times 36z$			
10)	The regular price of percent off. Which e	nd it'll be on sale for for 6 rmal(n) to sale?					
	A. n - 1.06	B. n - 0.06	C. n - 6	D. n × 0.06			

Math

	Perce	ent Word Problems as	Decimal Expression	ns Name: Answe i	r Ke	V
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	A. g × 0.01	B. g - 0.01g	C. g - 1.01	D. g - 0.01	2.	С
2)	An icecream bar wa can be used to find	s 415 calories. If they inc the new calorie count?	preased the size of the ba	ar by 3% which expression	3.	A
	A. 415 + 1.03	B. 415 + 0.03	C. 415 × 1.03	D. 415 × 0.03	4.	D
3)	This years model of represent by w. What	s. This years model weight is it of last years model?	5.	D		
	A. w ÷ 1.11	B. w × 0.11	C. w - 1.11	D. w - 0.11	6.	B
4)	A box of cereal adv marshmallow. Whice	ertised having 47% more ch expression shows the h	marshmallows. The ori ow many cups of marsh	ginal cereal had y cups of mallows the new cereal has?	7.	A
	A. y + 0.47	B. y × 0.47	C. y + 1.47	D. $y + (0.47 \times y)$	8	С
5)	Last year the price of a college textbook(b) was \$118. This year the price will be 2% higher. Which expression shows the difference in price from last year to this year?					
	A. b - 0.02	B. b - 1.02	C. b - 2	D. b × 0.02	10	D
6)	A store raised the price on watermelons 2%. The original price for each was X dollars. Which expression shows the new price of the watermelons?					
	A. X + 1.02	B. X + $(0.02 \times X)$	C. X + 0.02	D. X × 0.02		
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10)	The regular price of a computer was 816 dollars, but over the weekend it'll be on sale for for 6 percent off. Which expression shows the difference in price from normal(n) to sale?					
	A. n - 1.06	B. n - 0.06	C. n - 6	D. $n \times 0.06$		

Math