Percent Word Problems as Decimal Expressions Name:   Determine which expression is the correct answer. A							
Determine which expression is the correct answer.							
1)	This years model of a cell phone is 15 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 × 0.15	B. w ÷ 1.15	C. w - 1.15	D. w - 0.15	2.		
2)	Ned drew a square w square 13% larger w A. 8 + 1.13	3.					
	A. 8 + 1.15	<b>B</b> . 8 × 0.13	C. 8 × 1.13	D. 8 + 0.13	4		
3)	buying so many they	ece. Because they were how much money they saved?	5				
	A. 21z - 0.05	$B.\ 0.05\times 21z$	C. $21z + 1.05$	D. 21z + 0.05	6.		
4)		s 732 calories. If they inc he new calorie count?	reased the size of the ba	ar by 8% which expression	7.		
	A. 732 + 1.08	B. 732 × 1.08	C. 732 × 0.08	D. 732 + 0.08	8.		
5)		-		ginal cereal had y cups of mallows the new cereal has? D. $y + 0.18$	9.		
	A. $y + (0.16 \times y)$	<b>D</b> . y × 0.16	C. y + 1.16	D. $y + 0.18$	10		
6)	Last year the price o Which expression sh						
	A. b - 0.23	B. b × 0.23	C. b - 1.23	D. b - 23			
7)	A store raised the pre- expression shows the	ach was X dollars. Which					
	A. $X \times 0.05$	B. X + (0.05 × X)	C. X + 1.05	D. X + 0.05			
8)	A house was on sell expression shows ho	the asking price(p) which					
	A. p - 1.08	B. p - 0.08	C. p - 0.08p	D. $p \times 0.08$			
9)	Over the summer gas prices dropped 2%. Which expression shows the new price of a gallon of gas? (the old price is represented by g)						
	A. g - 0.02	B. g × 0.02	C. g - 0.02g	D. g - 1.02			
10)	The regular price of a computer was 714 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 - 10	B. $n \times 0.1$	C. n - 0.1	D. n - 1.1			

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		nt Word Problems as	ł	is Name: Answer	Key		
Determine which expression is the correct answer.							
1)	represent by w. Which	s. This years model weight is t of last years model?	1. <b>B</b>				
	A. w × 0.15	B. w ÷ 1.15	C. w - 1.15	D. w - 0.15	2. <b>C</b>		
2)	-	ed drew a square with each side being exactly 8 centimeters long. If he wanted to make the quare 13% larger which expression can he use to find the new sides length?					
	A. 8 + 1.13	B. 8 × 0.13	C. 8 × 1.13	D. 8 + 0.13	4. <b>B</b>		
3)		ece. Because they were how much money they saved?	5. <u>A</u>				
	A. 21z - 0.05	$B.\ 0.05\times 21z$	C. 21z + 1.05	D. 21z + 0.05	6. <b>B</b>		
4)		732 calories. If they inc ne new calorie count?	reased the size of the ba	ar by 8% which expression	7. <b>B</b>		
	A. 732 + 1.08	B. 732 × 1.08	C. 732 × 0.08	D. 732 + 0.08	8. <u>C</u>		
5)	marshmallow. Which	-		ginal cereal had y cups of mallows the new cereal has?	9. <u>C</u>		
	A. $y + (0.18 \times y)$	B. y × 0.18	C. y + 1.18	D. y + 0.18	10. <b>B</b>		
6)	Last year the price of Which expression sh						
	A. b - 0.23	B. b × 0.23	C. b - 1.23	D. b - 23			
7)	A store raised the price on watermelons 5%. The original price for each was X dollars. Which expression shows the new price of the watermelons?						
	A. $X \times 0.05$	B. X + $(0.05 \times X)$	C. X + 1.05	D. X + 0.05			
8)	A house was on sell for \$30,920. If you wanted to offer 8% less than the asking price(p) which expression shows how much you should offer?						
	A. p - 1.08	B. p - 0.08	C. p - 0.08p	D. $p \times 0.08$			
9)	Over the summer gas prices dropped 2%. Which expression shows the new price of a gallon of gas? (the old price is represented by g)						
	A. g - 0.02	B. g × 0.02	C. g - 0.02g	D. g - 1.02			
10)	The regular price of a computer was 714 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 - 10	B. n × 0.1	C. n - 0.1	D. n - 1.1			