	Perce	ent Word Problems a	as Decimal Expression	s Name:			
Percent Word Problems as Decimal Expressions Name: Determine which expression is the correct answer. Image: Correct answer							
1)	1) Henry drew a square with each side being exactly 7 centimeters long. If he wanted to make the square 8% larger which expression can he use to find the new sides length?						
	A. 7 × 1.08	B. $7 + 0.08$	C. 7 × 0.08	D. 7 + 1.08	2.		
2)	-	store raised the price on watermelons 4%. The original price for each was X dollars. Which appression shows the new price of the watermelons?					
	A. X + 0.04	B. X × 0.04	C. X + $(0.04 \times X)$	D. X + 1.04	4		
3)	A box of cereal advertised having 29% 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 × 0.29	B. y + 0.29	C. $y + (0.29 \times y)$	D. y + 1.29	6		
4)		as 248 calories. If they i the new calorie count?	ar by 2% which expression	7			
	A. 248 × 0.02	B. 248 + 0.02	C. 248 + 1.02	D. 248 × 1.02	8		
5)	represent by w. Wh	This years model weight is t of last years model?	9				
	A. w - 1.09	B. w × 0.09	C. w ÷ 1.09	D. w - 0.09	10		
6)	0 1	The regular price of a computer was 733 dollars, but over the weekend it'll be on sale for for 5 bercent off. Which expression shows the difference in price from normal(n) to sale?					
	A. n - 0.05	B. n - 5	C. n - 1.05	D. n × 0.05			
7)	Joe was earning \$1 Which expression s						
	A. 10 × 1.05	B. 10 + 1.05	C. 10 × 0.05	D. 10 + 0.05			
8)	A company was having a sale for 6% 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. 35z + 0.06	B. 35z - 0.06	C. 35z + 1.06	D. 0.06 × 35z			
9)	A cell phone compa new price of the ph						
	A. p × 0.09	B. p - 0.09p	C. p - 0.09	D. p - 1.09			
10)	A mall kiosk needed to buy 43 new cell phone cases at z dollars a piece. Because they were buying so many they got 18% off the price. Which expression shows how much money they saved?						
	A. 43z - 0.18	B. 43z + 0.18	C. 43z + 1.18	D. $0.18 \times 43z$			

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

	Perc	ent Word Problems a	as Decimal Expressions	s Name: Answe	er Kev		
Dete		ession is the correct ans	Ĩ		Answers		
1)	Henry drew a square with each side being exactly 7 centimeters long. If he wanted to make the square 8% larger which expression can he use to find the new sides length?						
	A. 7 × 1.08	B. 7 + 0.08	C. 7 × 0.08	D. 7 + 1.08	2. C		
2)	A store raised the price on watermelons 4%. The original price for each was X dollars. Which expression shows the new price of the watermelons?						
	A. X + 0.04	B. X × 0.04	C. X + $(0.04 \times X)$	D. X + 1.04	4. D		
3)	A box of cereal advertised having 29% 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 × 0.29	B. y + 0.29	C. y + $(0.29 \times y)$	D. y + 1.29	6. D		
4)		as 248 calories. If they i the new calorie count?	ncreased the size of the ba	r by 2% which expression	7. A		
	A. 248 × 0.02	B. 248 + 0.02	C. 248 + 1.02	D. 248 × 1.02	8. D		
5)	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. w - 1.09	B. w × 0.09	C. w ÷ 1.09	D. w - 0.09	10. D		
6)	The regular price of a computer was 733 dollars, but over the weekend it'll be on sale for for 5 percent off. Which expression shows the difference in price from normal(n) to sale?						
	A. n - 0.05	B. n - 5	C. n - 1.05	D. $n \times 0.05$			
7)	Joe was earning \$10 an hour before his raise. After his 5% raise he was making \$10.5 an hour. Which expression shows how his new hourly rate was calculated?						
	A. 10×1.05	B. 10 + 1.05	C. 10×0.05	D. 10 + 0.05			
8)	A company was having a sale for 6% 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. 35z + 0.06	B. 35z - 0.06	C. 35z + 1.06	$D.\ 0.06\times 35z$			
9)		cell phone company dropped the prices on their phones by 9%. Which expression shows the ew price of the phones(p)?					
	A. p × 0.09	B. p - 0.09p	C. p - 0.09	D. p - 1.09			
10)		mall kiosk needed to buy 43 new cell phone cases at z dollars a piece. Because they were ying so many they got 18% off the price. Which expression shows how much money they ved?					
	A. 43z - 0.18	B. 43z + 0.18	C. 43z + 1.18	$D.\ 0.18\times43z$			
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