	Perce	ent Word Problems a	as Decimal Expression	IS Name:		
Dete	rmine which expre	ssion is the correct ans	wer.		Answers	
1)	A mall kiosk needed to buy 40 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. $0.18 \times 40z$	B. 40z + 1.18	C. 40z + 0.18	D. 40z - 0.18	2.	
2)		_		ginal cereal had y cups of mallows the new cereal has? D. y + 0.49	3 4.	
3)	• •	•	actly 8 centimeters long. the use to find the new sides		5.	
	A. 8 × 0.13	B. 8 + 1.13	C. 8 + 0.13	D. 8 × 1.13	6.	
4)	A cell phone compa new price of the ph	• • • •	on their phones by 10%. V	Which expression shows the	7	
	A. $p \times 0.1$	B. p - 1.1	C. p - 0.1p	D. p - 0.1	8.	
5)	_	rice on watermelons 14 he new price of the wate		each was X dollars. Which	9.	
	A. X + 0.14	B. X × 0.14	C. X + $(0.14 \times X)$	D. X + 1.14	10	
6)		an hour before his raise shows how his new hour	. After his 5% raise he wa ly rate was calculated?	as making \$8.4 an hour.		
	A. 8 + 0.05	B. 8 × 1.05	C. 8 × 0.05	D. 8 + 1.05		
7)		as prices dropped 2%. V is represented by g)	Which expression shows the state of the stat	ne new price of a gallon of		
	A. g - 0.02	B. g - 1.02	C. g - 0.02g	D. $g \times 0.02$		
8)	1 2	U	the price of computer more you bought monitors for	1		
	A. 20z - 0.11	$\mathbf{B.}\ 0.11\times 20\mathbf{z}$	C. $20z + 0.11$	D. 20z + 1.11		
9)		l for \$22,871. If you wa ow much you should of		n the asking price(p) which		
	A. p - 1.13	B. p - 0.13	C. p × 0.13	D. p - 0.13p		
10)	• •	-	ollars, but over the weeken	nd it'll be on sale for for 10 rmal(n) to sale?		
	A. n - 10	B. n × 0.1	C. n - 0.1	D. n - 1.1		
_					<u> </u>	

Math

	Perce	nt Word Problems :	as Decimal Expressions	s Name: Answei	• Kev
Dete		sion is the correct and	x		Answers
1)		• •	one cases at z dollars a pie Which expression shows	·	1. <u>A</u>
	A. $0.18 \times 40z$	B. 40z + 1.18	C. 40z + 0.18	D. 40z - 0.18	2. C
2)		-	the marshmallows. The original products the many cups of marshift $C. y + (0.49 \times y)$	ginal cereal had y cups of mallows the new cereal has? D. y + 0.49	3. D
					4. <u>C</u>
3)			xactly 8 centimeters long. I e use to find the new sides		5. <u>C</u>
	A. 8 × 0.13	B. 8 + 1.13	C. 8 + 0.13	D. 8 × 1.13	6. B
4)	A cell phone compare new price of the pho	• • • •	on their phones by 10%. W	which expression shows the	7. C
	A. p × 0.1	B. p - 1.1	C. p - 0.1p	D. p - 0.1	8. B
5)	-	ice on watermelons 14 e new price of the wate	%. The original price for e ermelons?	ach was X dollars. Which	9. D
	A. X + 0.14	B. X × 0.14	C. X + $(0.14 \times X)$	D. X + 1.14	10. B
6)	-		e. After his 5% raise he was rly rate was calculated?	s making \$8.4 an hour.	
		B. 8 × 1.05		D. 8 + 1.05	
7)	Over the summer ga gas? (the old price is		Which expression shows th	e new price of a gallon of	
	A. g - 0.02	B. g - 1.02	C. g - 0.02g	D. g × 0.02	
8)	1 ·	0	the price of computer mon f you bought monitors for z	1	
	A. 20z - 0.11	B. 0.11 × 20z	C. $20z + 0.11$	D. 20z + 1.11	
9)		for \$22,871. If you wa		n the asking price(p) which	
	A. p - 1.13	B. p - 0.13	C. p × 0.13	D. p - 0.13p	
10)	0 1	-	ollars, but over the weeken ifference in price from nor		
	A. n - 10	B. n × 0.1	C. n - 0.1	D. n - 1.1	

Math

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

	Perce	ent Word Problems a	s Decimal Expression	s Name:		
Dete		ession is the correct ans	1	5 itune.	Answers	
1)) 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 \times 0.08	C. w - 0.08	D. w - 1.08	2	
2)	-	vas charging \$3.72 for a session shows how the ne	-	price 5% making them cost	3	
	A. 3.72 + 1.05	B. 3.72×0.05	C. 3.72 + 0.05	D. 3.72 × 1.05	4	
3)	-	some old inventory a stoused to calculate the new	bre offered 25 percent off cost of an item?	of any item(i). Which	5	
	A. i × 0.25	B. i - 1.25	C. i - 0.25i	D. i - 0.25	6	
4)	A cell phone companies new price of the ph	• • •	n their phones by 9%. Wh	nich expression shows the	7	
	A. p - 1.09	B. p - 0.09	C. p - 0.09p	D. p × 0.09	8	
5)		•	one cases at z dollars a pie Which expression shows	•	9	
	A. 0.11 × 30z	B. 30z + 1.11	C. 30z - 0.11	D. 30z + 0.11	10	
6)	_	an hour before his raise. shows how his new hour	After his 5% raise he wa ly rate was calculated?	s making \$6.3 an hour.		
	A. 6 + 0.05	B. 6 × 1.05	C. 6 × 0.05	D. 6 + 1.05		
7)	-	as prices dropped 2%. W is represented by g)	/hich expression shows th	ne new price of a gallon of		
	A. $g \times 0.02$	B. g - 0.02g	C. g - 1.02	D. g - 0.02		
8)	0 1	1	llars, but over the weeker fference in price from nor	nd it'll be on sale for for 20 rmal(n) to sale?		
	A. $n \times 0.2$	B. n - 1.2	C. n - 20	D. n - 0.2		
9)	-	•	actly 7 centimeters long. I use to find the new sides lo			
	A. 7 + 0.08	B. 7 + 1.08	C. 7 × 0.08	D. 7 × 1.08		
10)		ll for \$30,783. If you war now much you should off		n the asking price(p) which		
	A. p - 0.14p	B. p - 1.14	C. p × 0.14	D. p - 0.14		

	Perce	ent Word Problems a	s Decimal Expression	s Name: Answe	r Kev	
Dete		ssion is the correct ans	1		Answers	
1)	1) 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 \times 0.08	C. w - 0.08	D. w - 1.08	2. D	
2)	-	vas charging \$3.72 for a session shows how the ne	-	price 5% making them cost	3. C	
	A. 3.72 + 1.05	B. 3.72 × 0.05	C. 3.72 + 0.05	D. 3.72 × 1.05	4. C	
3)	-	some old inventory a sto used to calculate the new	re offered 25 percent off cost of an item?	of any item(i). Which	5. <u>A</u>	
	A. i × 0.25	B. i - 1.25	C. i - 0.25i	D. i - 0.25	6. B	
4)	A cell phone companew price of the ph	• • • •	n their phones by 9%. Wh	nich expression shows the	7. B	
	A. p - 1.09	B. p - 0.09	C. p - 0.09p	D. p × 0.09	8. A	
5)		• •	one cases at z dollars a pie Which expression shows	•	9. D	
	A. 0.11 × 30z	B. 30z + 1.11	C. 30z - 0.11	D. 30z + 0.11	10. <u>A</u>	
6)		an hour before his raise. shows how his new hour	After his 5% raise he wa ly rate was calculated?	s making \$6.3 an hour.		
	A. 6 + 0.05	B. 6 × 1.05	C. 6 × 0.05	D. 6 + 1.05		
7)	Over the summer g gas? (the old price :		/hich expression shows th	ne new price of a gallon of		
	A. $g \times 0.02$	B. g - 0.02g	C. g - 1.02	D. g - 0.02		
8)	0 1	▲	llars, but over the weeker fference in price from nor	nd it'll be on sale for for 20 rmal(n) to sale?		
	A. $n \times 0.2$	B. n - 1.2	C. n - 20	D. n - 0.2		
9)	-	•	actly 7 centimeters long. I use to find the new sides le			
	A. 7 + 0.08	B. 7 + 1.08	C. 7 × 0.08	D. 7 × 1.08		
10)		l for \$30,783. If you was		n the asking price(p) which		
	A. p - 0.14p	B. p - 1.14	C. p × 0.14	D. p - 0.14		

	Perce	ent Word Problems a	s Decimal Expression	18 Name:			
Dete		ssion is the correct ans			Answers		
1)		An icecream bar was 631 calories. If they increased the size of the bar by 5% which expression can be used to find the new calorie count?					
	A. 631 + 1.05	B. 631 + 0.05	C. 631 × 1.05	D. 631 × 0.05	2		
2)			xactly 15 centimeters lor use to find the new sides	ng. If he wanted to make the s length?	3		
	A. 15 + 0.12	B. 15 × 0.12	C. 15 × 1.12	D. 15 + 1.12	4		
3)			ent heavier than last years ed to calculate the weigh	s. This years model weight is not of last years model?	5		
	A. w - 1.13	B. w ÷ 1.13	C. w - 0.13	D. w \times 0.13	6		
4)	A cell phone comp new price of the ph	• • • •	n their phones by 10%. V	Which expression shows the	7		
	A. $p \times 0.1$	B. p - 0.1	C. p - 1.1	D. p - 0.1p	8		
5)				ginal cereal had y cups of hmallows the new cereal has?	9		
	A. $y + (0.3 \times y)$	B. y + 1.3	C. y + 0.3	D. $y \times 0.3$	10		
6)	-	some old inventory a stoused to calculate the new	re offered 30 percent off cost of an item?	of any item(i). Which			
	A. i - 0.3i	B. i × 0.3	C. i - 1.3	D. i - 0.3			
7)	0 1	1	llars, but over the weeke	nd it'll be on sale for for 15 rmal(n) to sale?			
	A. $n \times 0.15$	B. n - 15	C. n - 0.15	D. n - 1.15			
8)	-	vas charging \$1.58 for a session shows how the ne		price 9% making them cost			
	A. 1.58 × 1.09	B. 1.58 + 0.09	C. 1.58 × 0.09	D. 1.58 + 1.09			
9)	• •	U	was \$127. This year the rice from last year to this				
	A. $b \times 0.06$	B. b - 0.06	C. b - 6	D. b - 1.06			
10)		• •	one cases at z dollars a pi Which expression shows	-			
	A. $0.1 \times 35z$	B. 35z - 0.1	C. 35z + 1.1	D. 35z + 0.1			
	Math	ww.CommonCoreSheets.c	om 3	1-10 90 80 70 60 50 4	0 30 20 10 0		

	Perce	ent Word Problems a	s Decimal Expression	ns Name: Answe	r Key	
Dete		ssion is the correct ans			Answers	
1)	An icecream bar was 631 calories. If they increased the size of the bar by 5% which expression can be used to find the new calorie count?					
	A. 631 + 1.05	B. 631 + 0.05	C. 631 × 1.05	D. 631 × 0.05	2. C	
2)	-	-	xactly 15 centimeters lor use to find the new sides	ng. If he wanted to make the s length?	3. B	
	A. 15 + 0.12	B. 15 × 0.12	C. 15 × 1.12	D. 15 + 1.12	4. D	
3)	•		ent heavier than last years and to calculate the weigh	s. This years model weight is not of last years model?	5. A	
	A. w - 1.13	B. w ÷ 1.13	C. w - 0.13	D. w × 0.13	6. A	
4)	A cell phone compa new price of the pho	• • • •	n their phones by 10%. V	Which expression shows the	7. A	
	A. p × 0.1	B. p - 0.1	C. p - 1.1	D. p - 0.1p	8. A	
5)				ginal cereal had y cups of hmallows the new cereal has?	9. A	
	A. $y + (0.3 \times y)$	B. y + 1.3	C. y + 0.3	D. y × 0.3	10. A	
6)		some old inventory a sto sed to calculate the new	re offered 30 percent off cost of an item?	of any item(i). Which		
	A. i - 0.3i	B. i × 0.3	C. i - 1.3	D. i - 0.3		
7)	0 1	1	llars, but over the weeke fference in price from no	nd it'll be on sale for for 15 rmal(n) to sale?		
	A. $n \times 0.15$	B. n - 15	C. n - 0.15	D. n - 1.15		
8)	-	as charging \$1.58 for a session shows how the ne		price 9% making them cost		
	A. 1.58 × 1.09	B. 1.58 + 0.09	C. 1.58 × 0.09	D. 1.58 + 1.09		
9)	• •	•	was \$127. This year the rice from last year to this			
	A. $b \times 0.06$	B. b - 0.06	C. b - 6	D. b - 1.06		
10)		•	one cases at z dollars a pi Which expression shows	-		
	A. $0.1 \times 35z$	B. 35z - 0.1	C. 35z + 1.1	D. 35z + 0.1		
	Math	ww.CommonCoreSheets.c		1-10 90 80 70 60 50 4	0 30 20 10 0	

	Perc	ent Word Problems a	s Decimal Expressions	Name:	
Dete		ession is the correct ans	-		Answers
1)	1) Last year the price of a college textbook(b) was \$209. This year the price will be 13% higher. Which expression shows the difference in price from last year to this year? A. $b \times 0.13$ B. $b - 1.13$ C. $b - 0.13$ D. $b - 13$				
					2.
2)	A cell phone comp new price of the ph		n their phones by 8%. Wh	ich expression shows the	3
	A. $p \times 0.08$	B. p - 0.08p	C. p - 1.08	D. p - 0.08	1
3)		as 864 calories. If they ir the new calorie count?	creased the size of the bar	t by 7% which expression	4 5
	A. 864×0.07	B. 864 + 1.07	C. 864 × 1.07	D. $864 + 0.07$	
4)	0 1	Ŭ	exactly 10 centimeters lon se to find the new sides le	g. If he wanted to make the ngth?	6 7
	A. 10×0.04	B. 10×1.04	C. 10 + 1.04	D. 10 + 0.04	
5)		gas prices dropped 3%. W is represented by g)	hich expression shows the	e new price of a gallon of	8 9
	A. g - 1.03	B. g - 0.03g	C. g - 0.03	D. g × 0.03	10.
6)	U	some old inventory a sto used to calculate the new	re offered 20 percent off c cost of an item?	of any item(i). Which	10
	A. i - 1.2	B. i × 0.2	C. i - 0.2i	D. i - 0.2	
7)		• 1	one cases at z dollars a piec Which expression shows l	•	
	A. 45z + 1.11	B. 45z - 0.11	$C.\ 0.11\times 45z$	D. $45z + 0.11$	
8)		an hour before his raise. shows how his new hour	After his 5% raise he was y rate was calculated?	s making \$9.45 an hour.	
	A. 9 + 1.05	B. 9 × 1.05	C. 9 + 0.05	D. 9 × 0.05	
9)	-	was charging \$1.70 for a session shows how the new	sandwich, but raised the pr w price was calculated?	rice 7% making them cost	
	A. 1.7 × 0.07	B. 1.7 × 1.07	C. 1.7 + 0.07	D. 1.7 + 1.07	
10)	-	price on watermelons 119 the new price of the water	6. The original price for earmelons?	ach was X dollars. Which	
	A. X × 0.11	B. X + 1.11	C. X + $(0.11 \times X)$	D. X + 0.11	

	Perce	ent Word Problems as	s Decimal Expressions	Name: Answe	r Kev
Dete		ssion is the correct ansv	I		Answers
1)	• 1	0	was \$209. This year the pr rice from last year to this y	6	1. A
	A. $b \times 0.13$	B. b - 1.13	C. b - 0.13	D. b - 13	2. B
2)	A cell phone compa new price of the pho	• • • •	n their phones by 8%. Whi	ch expression shows the	3. <u>C</u>
	A. p × 0.08	B. p - 0.08p	C. p - 1.08	D. p - 0.08	4. B
3)		as 864 calories. If they in the new calorie count?	creased the size of the bar	by 7% which expression	5. B
	A. 864 × 0.07	B. 864 + 1.07	C. 864 × 1.07	D. 864 + 0.07	6. <u>C</u>
4)		-	exactly 10 centimeters lon se to find the new sides lea	g. If he wanted to make the ngth?	7. <u>C</u>
	A. 10 × 0.04	B. 10 × 1.04	C. 10 + 1.04	D. 10 + 0.04	8. B
5)	Over the summer gas? (the old price i	1 11	hich expression shows the	e new price of a gallon of	9. B
	A. g - 1.03	B. g - 0.03g	C. g - 0.03	D. g × 0.03	10. <u>C</u>
6)	0	some old inventory a stor sed to calculate the new	re offered 20 percent off o cost of an item?	f any item(i). Which	
	A. i - 1.2	B. i × 0.2	C. i - 0.2i	D. i - 0.2	
7)		• •	ne cases at z dollars a piec Which expression shows h	•	
	A. 45z + 1.11	B. 45z - 0.11	C. $0.11 \times 45z$	D. $45z + 0.11$	
8)	Ũ	an hour before his raise. hows how his new hourl	After his 5% raise he was y rate was calculated?	making \$9.45 an hour.	
	A. 9 + 1.05	B. 9 × 1.05	C.9 + 0.05	D. 9 × 0.05	
9)	-	as charging \$1.70 for a s ssion shows how the new	andwich, but raised the pr v price was calculated?	ice 7% making them cost	
	A. 1.7 × 0.07	B. 1.7 × 1.07	C. 1.7 + 0.07	D. 1.7 + 1.07	
10)	-	rice on watermelons 11% the new price of the water	6. The original price for earmelons?	ch was X dollars. Which	
	A. $X \times 0.11$	B. X + 1.11	C. X + $(0.11 \times X)$	D. X + 0.11	

ete	ermine which expre	ssion is the correct ans	swer.		Answers	
1)) Joe was earning \$8 an hour before his raise. After his 5% raise he was making \$8.4 an hour. Which expression shows how his new hourly rate was calculated?					
	A. 8 × 1.05	B. 8×0.05	C. 8 + 1.05	D. 8 + 0.05	2	
2)	• •		was \$220. This year the province from last year to this y	•	3	
	A. b - 0.21	B. b × 0.21	C. b - 1.21	D. b - 21	4.	
3)	-	rice on watermelons 9% ne new price of the wate	5. The original price for eac ermelons?	ch was X dollars. Which	5	
	A. X + 0.09	B. X + 1.09	C. X + $(0.09 \times X)$	D. X × 0.09	6	
4)	0	some old inventory a sto sed to calculate the new	ore offered 50 percent off o v cost of an item?	of any item(i). Which	7	
	A. i × 1.5	B. i - 1.5	C. i - 0.5i	D. i - 0.5	8	
5)		as 647 calories. If they i the new calorie count?	ncreased the size of the bar	by 10% which expression	9	
	A. 647 + 1.1	B. 647 + 0.1	C. 647 × 1.1	D. 647 × 0.1	10	
6)	1 1	0	the price of computer moni f you bought monitors for z	1		
	A. 0.2 × 37z	B. 37z + 1.2	C. 37z - 0.2	D. $37z + 0.2$		
7)	A cell phone compa new price of the ph	• • • •	on their phones by 5%. Whi	ich expression shows the		
	A. p - 1.05	B. p - 0.05p	C. p × 0.05	D. p - 0.05		
8)			re marshmallows. The orig how many cups of marshr	inal cereal had y cups of nallows the new cereal has?		
	A. $y + (0.42 \times y)$	B. y + 0.42	C. $y \times 0.42$	D. y + 1.42		
9)		• •	one cases at z dollars a piec . Which expression shows l	-		
	A. 40z - 0.14	$B.\ 0.14\times 40z$	C. 40z + 1.14	D. $40z + 0.14$		
0)	Over the summer g gas? (the old price i		Which expression shows the	e new price of a gallon of		
	A. g - 0.02g	B. g - 0.02	C. g - 1.02	D. $g \times 0.02$		

	Perce	nt Word Problems	as Decimal Expressions	s Name: Answe i	: Kev
Dete		sion is the correct an			Answers
1)	_		e. After his 5% raise he was rly rate was calculated?	s making \$8.4 an hour.	1. A
	A. 8 × 1.05	B. 8×0.05	C. 8 + 1.05	D. 8 + 0.05	2. B
2)	• •	•) was \$220. This year the p price from last year to this	6	3. C
	A. b - 0.21	B. b × 0.21	C. b - 1.21	D. b - 21	4. C
3)	-	rice on watermelons 99 e new price of the wat	6. The original price for eacher e	ch was X dollars. Which	5. <u>C</u>
	A. X + 0.09	B. X + 1.09	C. X + $(0.09 \times X)$	D. X × 0.09	6. <u>A</u>
4)	-	some old inventory a st sed to calculate the new	ore offered 50 percent off ov cost of an item?	of any item(i). Which	7. B
	A. i × 1.5	B. i - 1.5	C. i - 0.5i	D. i - 0.5	8. <u>A</u>
5)		s 647 calories. If they he new calorie count?	increased the size of the bar	r by 10% which expression	9. B
	A. 647 + 1.1	B. 647 + 0.1	C. 647 × 1.1	D. 647 × 0.1	10. A
6)	1 1	-	the price of computer monitors for z	-	
	A. 0.2 × 37z	B. 37z + 1.2	C. 37z - 0.2	D. 37z + 0.2	
7)	A cell phone compa new price of the pho		on their phones by 5%. Wh	ich expression shows the	
	A. p - 1.05	B. p - 0.05p	C. p × 0.05	D. p - 0.05	
8)		0	ore marshmallows. The orig e how many cups of marsh	inal cereal had y cups of mallows the new cereal has?	
	A. $y + (0.42 \times y)$	B. y + 0.42	C. y × 0.42	D. y + 1.42	
9)		•	one cases at z dollars a piece. Which expression shows	•	
	A. 40z - 0.14	B. $0.14 \times 40z$	C. 40z + 1.14	D. $40z + 0.14$	
10)	Over the summer gas gas? (the old price is		Which expression shows th	e new price of a gallon of	
	A. g - 0.02g	B. g - 0.02	C. g - 1.02	D. g × 0.02	

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	Perce	ent Word Problems a	s Decimal Expression	IS Name:		
Dete		ssion is the correct ans	1		Answers	
1)	percent off. Which expression shows the difference in price from normal(n) to sale?					
	A. n × 0.22	B. n - 0.22	C. n - 22	D. n - 1.22	2.	
2)		as 602 calories. If they ir the new calorie count?	ncreased the size of the ba	ar by 8% which expression	3.	
	A. 602×0.08	B. 602 × 1.08	$C.\ 602 + 0.08$	D. 602 + 1.08	4.	
3)		• 1	one cases at z dollars a pie Which expression shows	•	5	
	A. 47z - 0.2	B. 47z + 1.2	C. $0.2 \times 47z$	D. $47z + 0.2$	6	
4)	Over the summer gas? (the old price i		hich expression shows the	he new price of a gallon of	7	
	A. g × 0.03	B. g - 1.03	C. g - 0.03	D. g - 0.03g	8	
5)		l for \$51,056. If you war ow much you should off	er?	the asking price(p) which	9	
	A. p × 0.09	B. p - 1.09	C. p - 0.09p	D. p - 0.09	10.	
6)				ginal cereal had y cups of nmallows the new cereal has?		
	A. $y + (0.14 \times y)$	B. y + 1.14	C. y × 0.14	D. y + 0.14		
7)	A cell phone compa new price of the pho		n their phones by 9%. W	hich expression shows the		
	A. p × 0.09	B. p - 0.09p	C. p - 0.09	D. p - 1.09		
8)	-	as charging \$1.75 for a session shows how the new	· · · ·	price 7% making them cost		
	A. 1.75 × 0.07	B. 1.75 + 0.07	C. 1.75 × 1.07	D. 1.75 + 1.07		
9)	- ·	0	e price of computer moni ught monitors for z dolla	tors. Which expression shows rs a piece?		
	A. 21z + 1.07	B. 0.07 × 21z	C. $21z + 0.07$	D. 21z - 0.07		
10)	•		nt heavier than last years. ed to calculate the weigh	This years model weight is to f last years model?		
	A. w - 0.05	$\mathbf{B.} \mathbf{w} \times 0.05$	C. w - 1.05	D. w ÷ 1.05		

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	Percer	nt Word Problems a	s Decimal Expression	Is Name: Answe l	r Kev
Dete		sion is the correct answ	1		Answers
1)	1) The regular price of a computer was 488 dollars, but over the weekend it'll be on sale for for 22 percent off. Which expression shows the difference in price from normal(n) to sale?				
	A. n × 0.22	B. n - 0.22	C. n - 22	D. n - 1.22	2. B
2)		602 calories. If they in new calorie count?		ar by 8% which expression	3. <u>C</u>
	A. 602×0.08	B. 602 × 1.08	C. 602 + 0.08	D. 602 + 1.08	4. D
3)		• 1	one cases at z dollars a pie Which expression shows	•	5. <u>C</u>
	A. 47z - 0.2	B. 47z + 1.2	C. $0.2 \times 47z$	D. 47z + 0.2	6. <u>A</u>
4)	Over the summer gas gas? (the old price is		-	ne new price of a gallon of	7. B
	A. g × 0.03	B. g - 1.03	C. g - 0.03	D. g - 0.03g	8. <u>C</u>
5)		for \$51,056. If you war w much you should off		the asking price(p) which	9. B
	A. p × 0.09	B. p - 1.09	C. p - 0.09p	D. p - 0.09	10. D
6)		-		ginal cereal had y cups of mallows the new cereal has?	
	A. $y + (0.14 \times y)$	B. y + 1.14	C. y × 0.14	D. y + 0.14	
7)	A cell phone compar new price of the pho	• • • •	n their phones by 9%. Wi	hich expression shows the	
	A. p × 0.09	B. p - 0.09p	C. p - 0.09	D. p - 1.09	
8)	1	6 6	sandwich, but raised the p w price was calculated?	price 7% making them cost	
	A. 1.75 × 0.07	B. 1.75 + 0.07	C. 1.75 × 1.07	D. 1.75 + 1.07	
9)	how much money yo	ou would save if you bo	ught monitors for z dolla	-	
	A. 21z + 1.07	$B.\ 0.07\times 21z$	C. $21z + 0.07$	D. 21z - 0.07	
10)	represent by w. Which	ch expression can be us	ed to calculate the weigh	-	
	A. w - 0.05	B. w × 0.05	C. w - 1.05	D. w ÷ 1.05	

		nt Word Problems as	1	IS Name:	A
Dete	-	sion is the correct answ			Answers
1)		a cell phone is 15 percen ch expression can be use		s. This years model weight is at of last years model?	1
	A. $w \times 0.15$	B. w ÷ 1.15	C. w - 1.15	D. w - 0.15	2.
2)	-	with each side being exact hich expression can he u B. 8×0.13		length?	3.
	A. 8 + 1.13	B. 8 × 0.13	C. 8 × 1.15	D. 8 + 0.13	4
3)	buying so many they		hich expression shows	how much money they saved?	5
	A. 21z - 0.05	B. 0.05 × 21z	C. $21z + 1.05$	D. 21z + 0.05	6.
4)		732 calories. If they inc ne 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. $y + (0.18 \times y)$	D . y × 0.16	C. y + 1.16	D. y + 0.18	10
6)		f a college textbook(b) w ows the difference in pri		price will be 23% higher.	
	A. b - 0.23	B. b × 0.23	C. b - 1.23	D. b - 23	
7)	1	ce on watermelons 5%.	0 1	ach was X dollars. Which	
	A. $X \times 0.05$	B. X + $(0.05 \times X)$	C. X + 1.05	D. X + 0.05	
8)		for \$30,920. If you want w much you should offer		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 gas? (the old price is		ich expression shows th	he new price of a gallon of	
	A. g - 0.02	B. $g \times 0.02$	C. g - 0.02g	D. g - 1.02	
10)	0 1	a computer was 714 doll xpression shows the diffe		nd it'll be on sale for for 10 rmal(n) to sale?	
	A. n - 10	B. n × 0.1	C. n - 0.1	D. n - 1.1	

	_				
		nt Word Problems as	ł	is Name: Answer	Key
Dete	rmine which express	ion is the correct answ	er.		<u>Answers</u>
1)	represent by w. Which	ch expression can be use	d to calculate the weigh	•	1. B
	A. w × 0.15	B. w ÷ 1.15	C. w - 1.15	D. w - 0.15	2. C
2)	-	ith each side being exact hich expression can he u	• •	f he wanted to make the length?	3. B
	A. 8 + 1.13	B. 8 × 0.13	C. 8 × 1.13	D. 8 + 0.13	4. 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
4)		732 calories. If they inc ne new calorie count?	reased the size of the ba	ar by 8% which expression	7. 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
6)		a college textbook(b) work the difference in pri		price will be 23% higher. s year?	
	A. b - 0.23	B. b × 0.23	C. b - 1.23	D. b - 23	
7)	-	ce on watermelons 5%. new price of the waterm	0 1	ach was X dollars. Which	
	A. $X \times 0.05$	B. X + $(0.05 \times X)$	C. X + 1.05	D. X + 0.05	
8)		for \$30,920. If you want w much you should offer		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 gas? (the old price is		ich expression shows th	ne new price of a gallon of	
	A. g - 0.02	B. g × 0.02	C. g - 0.02g	D. g - 1.02	
10)	0 1	a computer was 714 doll xpression shows the diffe		nd it'll be on sale for for 10 rmal(n) to sale?	
	A. n - 10	B. n × 0.1	C. n - 0.1	D. n - 1.1	

	Perc	ent Word Problems	as Decimal Expressio	ns Name:	
Dete		ession is the correct and			Answers
1)	Last year the price of a college textbook(b) was \$247. This year the price will be 9% higher. Which expression shows the difference in price from last year to this year?				
	A. b - 0.09	B. b \times 0.09	C. b - 1.09	D. b - 9	2.
2)	- ·	U	the price of computer mo f you bought monitors for	onitors. Which expression r z dollars a piece?	3.
	A. 23z - 0.14	$B.\ 0.14\times 23z$	C. 23z + 0.14	D. 23z + 1.14	4.
3)		-		iginal cereal had y cups of shmallows the new cereal has?	5.
	A. y × 0.47	B. y + 0.47	C. y + $(0.47 \times y)$	D. y + 1.47	6
4)	-	0 an hour before his rais shows how his new hou		was making \$10.5 an hour.	7.
	A. 10 × 0.05	B. 10 + 0.05	C. 10 + 1.05	D. 10 × 1.05	8
5)	An icecream bar was 510 calories. If they increased the size of the bar by 8% which expression can be used to find the new calorie count?				9
	A. 510 × 0.08	B. 510 + 0.08	C. 510 + 1.08	D. 510 × 1.08	10
6)	1	orice on watermelons 6% he new price of the wate	0 1	each was X dollars. Which	
	A. X + 1.06	B. X + 0.06	C. $X \times 0.06$	D. X + $(0.06 \times X)$	
7)	-		ent heavier than last year sed to calculate the weig	rs. This years model weight is ht of last years model?	
	A. w × 0.12	B. w - 0.12	C. w ÷ 1.12	D. w - 1.12	
8)	Ũ	some old inventory a st used to calculate the new	ore offered 5 percent off v cost of an item?	of any item(i). Which	
	A. i - 1.05	B. i × 0.05	C. i - 0.05i	D. i - 0.05	
9)	-	-	actly 15 centimeters long e use to find the new side	g. If he wanted to make the s length?	
	A. 15 + 1.13	B. 15 + 0.13	C. 15 × 0.13	D. 15 × 1.13	
10)	1	00	sandwich, but raised the ew price was calculated?	price 10% making them cost	
	A. 2.57 + 0.1	B. 2.57 × 0.1	C. 2.57 × 1.1	D. 2.57 + 1.1	

	Perce	nt Word Problems ;	as Decimal Expression	ns Name: Answei	· Kev
Dete		sion is the correct and			Answers
1)	• 1	•) was \$247. This year the price from last year to this		1. B
	A. b - 0.09	B. b × 0.09	C. b - 1.09	D. b - 9	2. B
2)	1 •	0	the price of computer more f you bought monitors for	1	3. <u>C</u>
	A. 23z - 0.14	$B.\ 0.14\times 23z$	C. 23z + 0.14	D. 23z + 1.14	4. D
3)		-		iginal cereal had y cups of hmallows the new cereal has?	5. D
	A. y × 0.47	B. y + 0.47	C. y + $(0.47 \times y)$	D. y + 1.47	6. D
4)	Ũ		se. After his 5% raise he v rly rate was calculated?	vas making \$10.5 an hour.	7. <u>C</u>
	A. 10 × 0.05	B. 10 + 0.05	C. 10 + 1.05	D. 10 × 1.05	8. <u>C</u>
5)		s 510 calories. If they i he new calorie count?	ncreased the size of the b	ar by 8% which expression	9. D
	A. 510 × 0.08	B. 510 + 0.08	C. 510 + 1.08	D. 510 × 1.08	10. <u>C</u>
6)	-	ice on watermelons 6% e new price of the wate	0 1	ach was X dollars. Which	
	A. X + 1.06	B. X + 0.06	C. $X \times 0.06$	D. X + $(0.06 \times X)$	
7)	-		ent heavier than last years sed to calculate the weigh	s. This years model weight is nt of last years model?	
	A. w × 0.12	B. w - 0.12	C. w ÷ 1.12	D. w - 1.12	
8)	Ũ	ome old inventory a st sed to calculate the nev	ore offered 5 percent off over the second seco	of any item(i). Which	
	A. i - 1.05	B. i × 0.05	C. i - 0.05i	D. i - 0.05	
9)	-	-	actly 15 centimeters long e use to find the new sides	. If he wanted to make the s length?	
	A. 15 + 1.13	B. 15 + 0.13	C. 15 × 0.13	D. 15 × 1.13	
10)	-	00	sandwich, but raised the ew price was calculated?	price 10% making them cost	
	A. 2.57 + 0.1	B. 2.57 × 0.1	C. 2.57 × 1.1	D. 2.57 + 1.1	

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	Perc	ent Word Problems a	s Decimal Expressions	S Name:	
Dete		ession is the correct ans	Ĩ		Answers
1)	A house was on sell for \$23,451. If you wanted to offer 6% less than the asking price(p) which expression shows how much you should offer?				
	A. p - 1.06	B. p - 0.06	С. р - 0.06р	D. $p \times 0.06$	2.
2)	-	•	actly 9 centimeters long. I use to find the new sides le		3.
	A. 9 × 1.05	B. 9 + 1.05	C. 9 + 0.05	D. 9 × 0.05	4.
3)	-	10 an hour before his rais shows how his new hour	e. After his 5% raise he wa	as making \$10.5 an hour.	5.
	A. 10×0.05	B. 10 + 0.05	C. 10 + 1.05	D. 10 × 1.05	6
4)		price on watermelons 1% the new price of the wate	. The original price for eac prmelons?	ch was X dollars. Which	7.
	A. X + 0.01	B. X + 1.01	C. X + $(0.01 \times X)$	D. X × 0.01	8
5)		gas prices dropped 1%. V is represented by g)	Vhich expression shows the	e new price of a gallon of	9
	A. g - 0.01	B. g × 0.01	C. g - 0.01g	D. g - 1.01	10
6)		vas 224 calories. If they i l the new calorie count?	ncreased the size of the bar	r by 8% which expression	
	A. 224 × 1.08	B. 224 + 0.08	C. 224 × 0.08	D. 224 + 1.08	
7)		• 1	one cases at z dollars a pie Which expression shows h C. 23z + 1.07	ce. Because they were ow much money they saved? D. 23z - 0.07	
	A. 252 ± 0.07	B. 0.07 × 232	C. 232 + 1.07	D. 232 - 0.07	
8)	• •	•	was \$195. This year the porice from last year to this	C	
	A. b - 1.06	B. $b \times 0.06$	C. b - 0.06	D. b - 6	
9)	•	1 1	nt heavier than last years. The sed to calculate the weight	This years model weight is of last years model?	
	A. w - 0.07	B. w - 1.07	C. w × 0.07	D. w ÷ 1.07	
10)	0 1	-	ollars, but over the weeken fference in price from nor		
	A. n - 7	B. n × 0.07	C. n - 0.07	D. n - 1.07	
_					μ

	Dana	ont Word Drobloms	a Dagimal Expression	5 Name: Answe	r Kov
Dete		ssion is the correct ans	as Decimal Expressions	s Name: Answe	Answers
1)	A house was on sel		nted to offer 6% less than	the asking price(p) which	1. C
	A. p - 1.06	B. p - 0.06	С. р - 0.06р	D. $p \times 0.06$	2. A
2)	-	-	xactly 9 centimeters long. I use to find the new sides le		3. D
	A. 9 × 1.05	B. 9 + 1.05	C. 9 + 0.05	D. 9 × 0.05	4. <u>C</u>
3)	-	0 an hour before his rais shows how his new hour	se. After his 5% raise he wa ly rate was calculated?	as making \$10.5 an hour.	5. <u>C</u>
	A. 10 × 0.05	B. 10 + 0.05	C. 10 + 1.05	D. 10 × 1.05	6. <u>A</u>
4)	-	price on watermelons 1% he new price of the wate	5. The original price for eac ermelons?	ch was X dollars. Which	7. B
	A. X + 0.01	B. X + 1.01	C. X + (0.01 × X)	D. $X \times 0.01$	8. B
5)	-	as prices dropped 1%. V is represented by g)	Which expression shows the	e new price of a gallon of	9. D
	A. g - 0.01	B. g × 0.01	C. g - 0.01g	D. g - 1.01	10. B
6)		as 224 calories. If they i the new calorie count?	ncreased the size of the bar	r by 8% which expression	
	A. 224 × 1.08	B. 224 + 0.08	C. 224 × 0.08	D. 224 + 1.08	
7)		•	one cases at z dollars a pie Which expression shows h C. 23z + 1.07	ce. Because they were ow much money they saved? D. 23z - 0.07	
8)	• 1	0	was \$195. This year the p price from last year to this	Ū.	
	A. b - 1.06	B. b \times 0.06	C. b - 0.06	D. b - 6	
9)	•		nt heavier than last years. T sed to calculate the weight	This years model weight is of last years model?	
	A. w - 0.07	B. w - 1.07	C. w \times 0.07	D. w ÷ 1.07	
10)		-	ollars, but over the weeken		
	A. n - 7	B. $n \times 0.07$	C. n - 0.07	D. n - 1.07	
					<u> </u>

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	Perce	ent Word Problems a	s Decimal Expressior	ns Name:	
Dete		ssion is the correct answ	-		Answers
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.
2)		as 966 calories. If they ir the new calorie count?	creased the size of the b	ar by 3% which expression	3.
	A. 966 + 1.03	B. 966 × 1.03	C. 966 × 0.03	D. 966 + 0.03	4.
3)	1.	0	he price of computer more you bought monitors for	nitors. Which expression z dollars a piece?	5.
	A. 27z - 0.19	B. 27z + 0.19	C. 0.19 × 27z	D. 27z + 1.19	6.
4)	A cell phone compa new price of the pho	• • • •	n their phones by 7%. W	hich expression shows the	7.
	A. $p \times 0.07$	B. p - 0.07	C. p - 1.07	D. p - 0.07p	8.
5)		some old inventory a sto sed to calculate the new	re offered 15 percent off cost of an item?	of any item(i). Which	9.
	A. i - 0.15i	B. i - 0.15	C. i × 0.15	D. i - 1.15	10.
6)	• 1	e v	was \$180. This year the rice from last year to this	price will be 25% higher.	
	A. b - 1.25	B. b × 0.25	C. b - 25	D. b - 0.25	
7)	-	an hour before his raise. hows how his new hourl		as making \$7.35 an hour.	
	A. 7 × 1.05	B. 7 + 0.05	C. 7 + 1.05	D. 7 × 0.05	
8)	•		nt heavier than last years. The calculate the weigh	This years model weight is at of last years model?	
	A. w - 1.08	B. w ÷ 1.08	C. w - 0.08	D. w \times 0.08	
9)				inal cereal had y cups of nmallows the new cereal has?	
	A. $y + (0.09 \times y)$	B. y × 0.09	C. y + 0.09	D. y + 1.09	
10)	-	as charging \$3.16 for a s ssion shows how the new	-	price 8% making them cost	
	A. 3.16 + 1.08	B. 3.16 × 1.08	C. 3.16×0.08	D. 3.16 + 0.08	

	Der ce	ent Word Problems a	s Decimal Expression	ns Name: Answe i	• Kev
Dete		ssion is the correct answ	±		Answers
1)	0 1	-	llars, but over the weeker fference in price from nor	nd it'll be on sale for for 13 rmal(n) to sale?	1. A
	A. n × 0.13	B. n - 0.13	C. n - 1.13	D. n - 13	2. B
2)		s 966 calories. If they ir the new calorie count?	ncreased the size of the ba	ar by 3% which expression	3. <u>C</u>
	A. 966 + 1.03	B. 966 × 1.03	C. 966 × 0.03	D. 966 + 0.03	4. D
3)	1.	0	he price of computer mor you bought monitors for	1	5. <u>A</u>
	A. 27z - 0.19	B. 27z + 0.19	$C.\ 0.19\times 27z$	D. 27z + 1.19	6. <u>B</u>
4)	A cell phone compa new price of the pho	V 11 1	n their phones by 7%. W	hich expression shows the	7. <u>A</u>
	A. p × 0.07	B. p - 0.07	C. p - 1.07	D. p - 0.07p	8. B
5)		some old inventory a sto sed to calculate the new	re offered 15 percent off cost of an item?	of any item(i). Which	9. <u>A</u>
	A. i - 0.15i	B. i - 0.15	C. i × 0.15	D. i - 1.15	10. B
6)	• •	0	was \$180. This year the jrice from last year to this	price will be 25% higher.	
	A. b - 1.25	B. b × 0.25	C. b - 25	D. b - 0.25	
7)	-	an hour before his raise. hows how his new hourl		as making \$7.35 an hour.	
	A. 7 × 1.05	B. 7 + 0.05	C. 7 + 1.05	D. 7 × 0.05	
8)	represent by w. Wh	ich expression can be us	ed to calculate the weigh	This years model weight is to f last years model?	
	A. w - 1.08	B. w ÷ 1.08	C. w - 0.08	D. w \times 0.08	
9)				inal cereal had y cups of mallows the new cereal has? D. y + 1.09	
10)	-	as charging \$3.16 for a s ssion shows how the new B. 3.16×1.08	-	price 8% making them cost D. 3.16 + 0.08	