)et	ermine which exp	pression is the correct	answer.		Answers
1)	A cell phone com	pany dropped the price	es on their phones by 9%	6. Which expression shows	
	the new price of t			-	1.
	A. p - 0.09p	B. p - 1.09	C. p × 0.09	D. p - 0.09	1
					2.
2)		0 1 11	-	ws the new price of a gallon	
		rice is represented by g			3
	A. g × 0.03	B. g - 1.03	C. g - 0.03g	D. g - 0.03	
•					4
3)	-	t some old inventory a used to calculate the n	-	t off of any item(i). Which	
	A. i - 1.1	B. i - 0.1i	$C. i \times 0.1$	D. i - 0.1	5
4)	Joe was earning \$	511 an hour before his r	aise. After his 5% raise	he was making \$11.55 an	6
-,	Ũ		new hourly rate was cal	e	
	A. 11 × 1.05	B. 11 × 0.05	C. 11 + 0.05	D. 11 + 1.05	7
					8.
5)		-	-	a piece. Because they were	0.
		hey got 5% off the pric	e. Which expression sh	ows how much money they	9.
	saved? A. 33z - 0.05	B. 0.05 × 33z	C. $33z + 0.05$	D. 33z + 1.05	
_					10
6)	0 1		g exactly 12 centimeter an he use to find the ne	s long. If he wanted to make	
	-		C. 12×0.06	•	
	11.12 + 1.00	D . 12 × 1.00	0.12 / 0.00	D . 12 + 0.00	
7)	The regular price	of a computer was 893	dollars but over the w	eekend it'll be on sale for for	
• •	0 1	1		from normal(n) to sale?	
	A. n - 10	B. $n \times 0.1$	C. n - 1.1	D. n - 0.1	
8)		•		than the asking price(p)	
	1	shows how much you			
	A. p - 0.07	B. p - 0.07p	C. p - 1.07	D. p × 0.07	
0`					
9)		-	ff the price of computer	r monitors. Which ght 25 monitors for z dollars	
	a piece?	now much money you	would save if you boug	gnt 25 monitors for 2 donars	
	A. 25z - 0.19	B. 25z + 1.19	C. $0.19 \times 25z$	D. 25z + 0.19	
0)	Last year the pric	e of a college textbook	(b) was \$197. This year	the price will be 13%	
~,		-	Ference in price from las	-	
	A. b × 0.13	B. b - 1.13	C. b - 0.13	D. b - 13	

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Math

U	ermine which exp	ression is the correct	answer.		Answer
)	A cell phone com the new price of the			6. Which expression shows	1. A
	A. p - 0.09p	B. p - 1.09	C. p × 0.09	D. p - 0.09	2. C
)		gas prices dropped 3% rice is represented by g	-	ws the new price of a gallon	D
	A. $g \times 0.03$	B. g - 1.03	C. g - 0.03g	D. g - 0.03	
)	U	t some old inventory a used to calculate the n	1	t off of any item(i). Which	4. <u>A</u> 5. B
	A. i - 1.1	B. i - 0.1i	C. i × 0.1	D. i - 0.1	
)	0		raise. After his 5% raise new hourly rate was cal	he was making \$11.55 an culated?	6. <u>B</u> 7. B
	A. 11 × 1.05	B. 11 × 0.05	C. 11 + 0.05	D. 11 + 1.05	
)		•	-	a piece. Because they were ows how much money they	8. <u>B</u> 9. <u>C</u>
	A. 33z - 0.05	B. $0.05 \times 33z$	C. $33z + 0.05$	D. 33z + 1.05	
)			g exactly 12 centimeter an he use to find the ne	s long. If he wanted to make w sides length?	10. <u>A</u>
			C. 12 × 0.06		
)				eekend it'll be on sale for for for from normal(n) to sale?	
	A. n - 10	B . n × 0.1	C. n - 1.1	D. n - 0.1	
)		ell for \$23,474. If you shows how much you		than the asking price(p)	
	A. p - 0.07	B. p - 0.07p	C. p - 1.07	D. p × 0.07	
)		-	ff the price of computer would save if you bou	r monitors. Which ght 25 monitors for z dollars	
	A. 25z - 0.19	B. 25z + 1.19	$C.\ 0.19\times 25z$	D. 25z + 0.19	
)		_	(b) was \$197. This year ference in price from las	-	
	A. b × 0.13	B. b - 1.13	C. b - 0.13	D. b - 13	

)et	ermine which exp	ression is the correct	answer.		Answers
1)	A cell phone com	pany dropped the price	es on their phones by 7%	6. Which expression shows	
	the new price of the			-	1.
	A. $p \times 0.07$	B. p - 1.07	C. p - 0.07	D. p - 0.07p	
					2.
2)	-		-	long. If he wanted to make	
	-		can he use to find the n	-	3.
	A. 12×0.12	B. 12 + 1.12	C. 12 × 1.12	D. 12 + 0.12	
7)	A		66 (1	X 71.: 1	4
3)	1 •	0	off the price of computer would save if you bour	t monitors. Which ght 26 monitors for z dollars	
	a piece?				5
	A. 26z + 0.17	B. 26z - 0.17	C. 26z + 1.17	D. $0.17 \times 26z$	
4)	A sandwich shop	was charging \$1.62 fo	r a sandwich, but raised	the price 8% making them	6
,	-		w the new price was cal		7.
	A. 1.62×1.08	B. 1.62 + 1.08	C. 1.62×0.08	D. $1.62 + 0.08$	/
					8.
5)			(b) was \$125. This year		
	higher. Which exp A. $b \times 0.22$	B. b - 0.22	ference in price from las C. b - 1.22		9
	A. $b \times 0.22$	B . D - 0.22	C. D - 1.22	D. b - 22	
6)	While clearing ou	t come old inventory a	store offered 50 percen	t off of any item(i) Which	10
U)	-	used to calculate the r	-	t off of any item(i). Which	
	1		C. i - 0.5i	D. i × 1.5	
7)		•	1	a piece. Because they were	
	buying so many the saved?	ney got 19% off the pr	ice. Which expression s	hows how much money they	
	A. $24z + 1.19$	B. $24z + 0.19$	C. $0.19 \times 24z$	D. 24z - 0.19	
0)					
0)			new hourly rate was cal	he was making \$11.55 an culated?	
	A. 11 + 0.05	B. 11 × 1.05	C. 11 × 0.05	D. 11 + 1.05	
9)	A house was on se	ell for \$59,002. If you	wanted to offer 11% les	s than the asking price(p)	
	which expression	shows how much you	should offer?		
	A. p × 0.11	B. p - 0.11	C. p - 1.11	D. p - 0.11p	
D)	A store 1.1		Ω_0 The set 1 1	for each was V 1-11	
LU)		shows the new price of	8%. The original price to the watermelons?	tor each was X dollars.	
	A. $X + 0.08$	B. $X + 1.08$	C. $X \times 0.08$	D. X + $(0.08 \times X)$	

Math

			s Decimal Expressi	ons Name: Answe	r Key
	-	ession is the correct			Answers
I)	the new price of th	e phones(p)?	· ·	%. Which expression shows	1. D
	A. p × 0.07	B. p - 1.07	C. p - 0.07	D. p - 0.07p	
2)	-	-	•	long. If he wanted to make	2
	the square 12% lar A. 12×0.12	ger which expression B. $12 + 1.12$	can he use to find the r C. 12×1.12	new sides length? D. $12 + 0.12$	3. D
	A. 12×0.12	D . 12 + 1.12	C. 12 × 1.12	D. 12 ± 0.12	
3)	A company was ha	aving a sale for 17% o	ff the price of compute	er monitors. Which	4. <u>A</u>
ŗ	expression shows h a piece?	now much money you	would save if you bou	ight 26 monitors for z dollars	5. <u>A</u>
	A. 26z + 0.17	B. 26z - 0.17	C. 26z + 1.17	D. $0.17 \times 26z$	6. <u>C</u>
4)	-			d the price 8% making them	
	A. 1.62×1.08	B. 1.62 + 1.08	w the new price was can C. 1.62×0.08	D. $1.62 + 0.08$	7. <u>C</u>
	11. 1102 / 1100	211102 + 1100		21 1102 1 0100	8. B
5)			(b) was \$125. This yea erence in price from la	r the price will be 22% st year to this year?	
	A. b \times 0.22	B. b - 0.22	C. b - 1.22	D. b - 22	9. D
6)	-	some old inventory a used to calculate the n	-	nt off of any item(i). Which	10. D
	A. i - 1.5	B. i - 0.5	C. i - 0.5i	D. i × 1.5	
7)		•	E Contraction of the second seco	s a piece. Because they were shows how much money they	
	A. 24z + 1.19	B. $24z + 0.19$	C. $0.19 \times 24z$	D. 24z - 0.19	
8)	0		aise. After his 5% raise new hourly rate was ca	e he was making \$11.55 an lculated?	
	A. 11 + 0.05	B. 11 × 1.05	C. 11 × 0.05	D. 11 + 1.05	
9)		ll for \$59,002. If you shows how much you		ess than the asking price(p)	
	A. $p \times 0.11$	B. p - 0.11	C. p - 1.11	D. p - 0.11p	
10)	-	price on watermelons shows the new price of	• •	for each was X dollars.	
	A. $X + 0.08$	B. X + 1.08	C. $X \times 0.08$	D. X + $(0.08 \times X)$	

Math

	Percen	t Word Problems a	as Decimal Expression	ons Name:	
Det	ermine which expr	ession is the correct	answer.		Answers
1)	•	1 1	rcent heavier than last yo sion can be used to calcu	ears. This years model late the weight of last years	1
	A. w - 0.05	B. $w \times 0.05$	C. w ÷ 1.05	D. w - 1.05	2.
2)	higher. Which exp	ression shows the diff	(b) was \$258. This year ference in price from las	t year to this year?	3.
	A. b × 0.11	B. b - 11	C. b - 0.11	D. b - 1.11	
3)	1 •	0	off the price of computer would save if you boug	monitors. Which ght 21 monitors for z dollars	4 5
	A. 21z - 0.1	B. $21z + 0.1$	C. $0.1 \times 21z$	D. 21z + 1.1	E
4)	-		r a sandwich, but raised w the new price was calo	the price 5% making them culated?	6
	A. 1.79 × 1.05	B. 1.79 + 0.05	C. 1.79 + 1.05	D. 1.79 × 0.05	7
5)		as 692 calories. If the used to find the new c	ey increased the size of t alorie count?	he bar by 3% which	8
	A. $692 + 0.03$	B. 692×0.03	C. 692 × 1.03	D. $692 + 1.03$	
6)	A cell phone comp the new price of th	• • • •	es on their phones by 6%	6. Which expression shows	10
	А. р - 0.06р	B. p - 0.06	C. p - 1.06	D. $p \times 0.06$	
7)		gas prices dropped 3% ce is represented by g B. $g \times 0.03$	-	ws the new price of a gallon D. g - 0.03g	
8)	-		ing exactly 14 centimeters sion can he use to find the c. 14×0.05	-	
9)		-	-	a piece. Because they were hows how much money they	
	A. $0.15 \times 45z$	B. 45z + 0.15	C. 45z - 0.15	D. 45z + 1.15	
10)	-	price on watermelons shows the new price of	6%. The original price to for the watermelons?	for each was X dollars.	
	A. X + 1.06	B. X + 0.06	C. $X \times 0.06$	D. X + $(0.06 \times X)$	

Math

)ot		ression is the correct	as Decimal Expression		
	-			none This manual al	Answers
1)			rcent heavier than last y sion can be used to calcu	ulate the weight of last years	1. <u>C</u>
	A. w - 0.05	B. $w \times 0.05$	C. w ÷ 1.05	D. w - 1.05	2. A
2)		-	(b) was \$258. This year ference in price from last	-	3. C
	A. b × 0.11	B. b - 11	C. b - 0.11	D. b - 1.11	J
3)	- ·	6	off the price of computer would save if you bou	r monitors. Which ght 21 monitors for z dollars	4. <u>A</u> 5. <u>C</u>
	A. 21z - 0.1	B. 21z + 0.1	C. $0.1 \times 21z$	D. 21z + 1.1	6. A
4)	-		r a sandwich, but raised w the new price was cal	the price 5% making them culated?	7. D
	A. 1.79 × 1.05	B. 1.79 + 0.05	C. 1.79 + 1.05	D. 1.79 × 0.05	/. <u> </u>
5)		vas 692 calories. If the used to find the new c	ey increased the size of t calorie count?	the bar by 3% which	8. D
	A. 692 + 0.03	$B.\ 692\times 0.03$	C. 692 × 1.03	D. 692 + 1.03	9. <u>A</u>
6)	A cell phone comp the new price of th		es on their phones by 69	6. Which expression shows	10. D
	А. р - 0.06р	B. p - 0.06	C. p - 1.06	D. $p \times 0.06$	
7)		gas prices dropped 3% ice is represented by g B. $g \times 0.03$	-	ows the new price of a gallon D. g - 0.03g	
	1. g 1.05	\mathbf{D} . $\mathbf{g} \times 0.05$	0.05	D. g 0.03g	
8)	-		ng exactly 14 centimeters ssion can he use to find	0	
	A. 14 + 1.05	B. 14 + 0.05	C. 14 × 0.05	D. 14 × 1.05	
9)		•	ice. Which expression s	s a piece. Because they were hows how much money they	
	A. $0.15 \times 45z$	B. 45z + 0.15	C. 45z - 0.15	D. 45z + 1.15	
0)		price on watermelons shows the new price of	6%. The original price of the watermelons?	for each was X dollars.	
	A. X + 1.06	B. X + 0.06	C. $X \times 0.06$	D. X + $(0.06 \times X)$	

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Math

		nt Word Problems a	·		
	-	pression is the correct			Answers
1)		gas prices dropped 1% rice is represented by g	_	ows the new price of a gallon	
	A. $g \times 0.01$	B. g - 1.01		D. g - 0.01g	1
	A. g × 0.01	D . g = 1.01	C. g - 0.01	D. g - 0.01g	
2)	A mall kick need	lad to buy 36 new cell i	hone cases at z dollar	s a piece. Because they were	2
4)		•		shows how much money they	
	saved?		r r		3
	A. 36z - 0.11	B. 0.11 × 36z	C. 36z + 0.11	D. 36z + 1.11	
3)	Joe was earning \$	6 an hour before his rai	se. After his 5% raise	he was making \$6.3 an hour.	4
,	-	n shows how his new ho		-	5.
	A. 6 + 1.05	B. $6 + 0.05$	C. 6 × 0.05	D. 6 × 1.05	
					6.
4)	U 1	1		veekend it'll be on sale for for	
	-	1	1	from normal(n) to sale?	7.
	A. n × 0.1	B. n - 0.1	C. n - 1.1	D. n - 10	
					8
5)				rs long. If he wanted to make	
	the square 10% Ia A. $15 + 0.1$	The arger which expression 6 B. 15×0.1	can he use to find the r C. 15×1.1	new sides length? D. $15 + 1.1$	9
	A. 13 ± 0.1	D . 13×0.1	$C. 13 \times 1.1$	$D. 13 \pm 1.1$	
\mathbf{O}	A		(b-:'b b 1)	0.0/ 11/1	10
0)	the new price of t		s on their phones by T	0%. Which expression shows	
	-	B. p - 0.1p	C. p - 1.1	D. p × 0.1	
	•		-	-	
7)	A company was h	naving a sale for 6% off	the price of computer	monitors. Which expression	
,	1 ·	6		nitors for z dollars a piece?	
	A. $0.06 \times 38z$	B. $38z + 0.06$	C. 38z - 0.06	D. 38z + 1.06	
8)		-		e for each was X dollars.	
	1	h shows the new price o		D. W. 0.14	
	A. X + 1.14	B. X + $(0.14 \times X)$	C. X × 0.14	D. X + 0.14	
C)					
9)	-			years. This years model years the weight of last years	
	model?	n by w. which express		unate the weight of fast years	
	A. w - 1.1	B. w \times 0.1	C. w ÷ 1.1	D. w - 0.1	
0)	Last year the price	e of a college textbook(b) was \$296 This yea	r the price will be 24%	
,	• •	pression shows the diffe	•	-	
	A. b - 0.24	B. b - 1.24	C. b \times 0.24	D. b - 24	

Math

┛					
<u>_</u>		t Word Problems as	*	ons Name: Answer	Key
	-	ression is the correct ar			Answers
1)	of gas? (the old pri-	ice is represented by g)		ows the new price of a gallon	1. D
	A. g × 0.01	B. g - 1.01	C. g - 0.01	D. g - 0.01g	2. B
2)		•		s a piece. Because they were shows how much money they	3. D
	A. 36z - 0.11	B. 0.11 × 36z	C. 36z + 0.11	D. 36z + 1.11	
3)	-	5 an hour before his raise shows how his new hou		he was making \$6.3 an hour. ed?	5. C
	A. 6 + 1.05	B. 6 + 0.05	C. 6×0.05	D. 6 × 1.05	J
					6. B
4)	10 percent off. Wh	nich expression shows th	e difference in price	reekend it'll be on sale for for from normal(n) to sale?	7. A
	A. n × 0.1	B. n - 0.1	C. n - 1.1	D. n - 10	
5)	-	re with each side being or ger which expression ca	•	rs long. If he wanted to make new sides length?	8. <u>B</u> 9. C
	A. 15 + 0.1	B. 15 × 0.1	C. 15 × 1.1	D. 15 + 1.1	9
6)	A cell phone comp the new price of th	• • • •	on their phones by 10	0%. Which expression shows	10. <u>C</u>
	A. p - 0.1	B. p - 0.1p	C. p - 1.1	D. $p \times 0.1$	
7)	1 •	6		monitors. Which expression itors for z dollars a piece? D. 38z + 1.06	
8)	-	price on watermelons 14 shows the new price of	• •	e for each was X dollars.	
	A. X + 1.14	B. X + $(0.14 \times X)$	C. $X \times 0.14$	D. X + 0.14	
9)			n can be used to calcu	years. This years model ulate the weight of last years	
	A. w - 1.1	B. w \times 0.1	C. w ÷ 1.1	D. w - 0.1	
10)		of a college textbook(b ression shows the differ			
	A. b - 0.24	B. b - 1.24	C. b \times 0.24	D. b - 24	

Math

	Percei	nt Word Problems as	Decimal Expression	ns Name:	
Det		pression is the correct a	• • • • • • • • • • • • • • • • • • •		Answers
	-			off of any item(i). Which	
,		used to calculate the new			1.
	A. i - 0.5	B. i × 1.5	C. i - 1.5	D. i - 0.5i	1
					2.
2)		• •		a piece. Because they were ows how much money they	3
	A. 39z + 1.15	$B.\ 0.15\times 39z$	C. 39z + 0.15	D. 39z - 0.15	
3)		of a cell phone is 10 pero nt by w. Which expressio		ears. This years model ate the weight of last years	4 5
	A. $w \times 0.1$	B. w - 1.1	C. w - 0.1	D. w ÷ 1.1	
4)	A company was h	aving a sale for 15% off	the price of computer	monitors. Which	6
,	1 .	6	vould save if you bough	nt 29 monitors for z dollars	7
	A. 29z + 0.15	B. 29z - 0.15	C. 29z + 1.15	$D.\ 0.15\times 29z$	8.
5)	-	6 an hour before his rais		e was making \$6.3 an hour. ?	
	A. 6 + 0.05	B. 6 + 1.05	C. 6×0.05	D. 6 × 1.05	9
6)	of gas? (the old pr	gas prices dropped 3%. Trice is represented by g) B. g - 0.03g	-	vs the new price of a gallon D. g - 1.03	10
7)		price on watermelons 29 shows the new price of	0 1	or each was X dollars.	
	A. X + 0.02	B. $X \times 0.02$	C. X + $(0.02 \times X)$	D. X + 1.02	
8)		ell for \$24,446. If you was shows how much you sh		than the asking price(p)	
	A. p - 1.1	B. p × 0.1	C. p - 0.1	D. p - 0.1p	
9)	• •	e of a college textbook(b shows the difference in	· · · · · ·	he price will be 7% higher. this year?	
	A. b - 7	B. b - 1.07	C. b - 0.07	D. b \times 0.07	
10)		dvertised having 13% mo Which expression shows		original cereal had y cups marshmallows the new	
	A. y + 0.13	B. y + (0.13 × y)	C. y + 1.13	D. y × 0.13	
	Math	www.CommonCoreSheets.c	_{com} 5	1-10 90 80 70 60 50	40 30 20 10 0

	_				Var
		t Word Problems as	•	ns Name: Answer	
	-	ression is the correct an		off of any item(i). Which	Answers
1)		used to calculate the new		on or any tem(i). Which	1. D
	A. i - 0.5	B. i × 1.5	C. i - 1.5	D. i - 0.5i	1
					2. B
2)		• •		a piece. Because they were ows how much money they	3. D
	A. 39z + 1.15	$B.\ 0.15\times 39z$	C. 39z + 0.15	D. 39z - 0.15	
3)	•	of a cell phone is 10 pero t by w. Which expressio	•	ears. This years model ate the weight of last years	4. D 5. D
	A. $w \times 0.1$	B. w - 1.1	C. w - 0.1	D. w ÷ 1.1	6 B
4)	1.	aving a sale for 15% off how much money you w	1 1	monitors. Which nt 29 monitors for z dollars	6. <u>D</u> 7. <u>C</u>
	A. 29z + 0.15	B. 29z - 0.15	C. $29z + 1.15$	D. $0.15 \times 29z$	8. D
5)	Which expression	shows how his new hou	rly rate was calculated		9. D
	A. 6 + 0.05	B. 6 + 1.05	C. 6 × 0.05	D. 6 × 1.05	
6)	of gas? (the old pr	gas prices dropped 3%. V ice is represented by g) B. g - 0.03g	•	vs the new price of a gallon D. g - 1.03	10. <u>B</u>
7)		price on watermelons 29 shows the new price of		or each was X dollars.	
	A. $X + 0.02$	B. $X \times 0.02$	C. X + $(0.02 \times X)$	D. X + 1.02	
8)		ell for \$24,446. If you wa shows how much you sh		than the asking price(p)	
	A. p - 1.1	B. p × 0.1	C. p - 0.1	D. p - 0.1p	
9)	• •	e of a college textbook(b shows the difference in	· •	he price will be 7% higher. this year?	
	A. b - 7	B. b - 1.07	C. b - 0.07	D. b × 0.07	
10)		lvertised having 13% mo Which expression shows		original cereal had y cups marshmallows the new	
	A. y + 0.13	B. $y + (0.13 \times y)$	C. y + 1.13	D. y × 0.13	
	Math	www.CommonCoreSheets.c	com 5	1-10 90 80 70 60 50	40 30 20 10 0

)et	ermine which exp	ression is the correct an	swer.		Answers
1)		• 1		a piece. Because they were nows how much money they	1
	A. 45z - 0.18	$B.\ 0.18\times 45z$	C. 45z + 0.18	D. 45z + 1.18	
2)	-	was charging \$3.43 for a a expression shows how t		the price 10% making them sulated?	2 3.
	A. 3.43 + 1.1	B. 3.43 + 0.1	C. 3.43 × 1.1	D. 3.43 × 0.1	3
3)		ell for \$44,017. If you was shows how much you sh		than the asking price(p)	4
	A. p - 1.05	B. p - 0.05		D. p × 0.05	5
4)	1 2	U	1 1	nonitors. Which expression tors for z dollars a piece?	6
	A. 38z - 0.09	B. $0.09 \times 38z$		D. $38z + 0.09$	7
5)		of a computer was 819 d hich expression shows th		eekend it'll be on sale for for for for normal(n) to sale?	8
	A. n - 1.21	B. n - 21	C. n - 0.21	D. n × 0.21	9
6)	• •	e of a college textbook(b) pression shows the difference	•	1	10
	•	B. b - 1.19	-		
7)		price on watermelons 1% shows the new price of t		for each was X dollars.	
	A. X + 1.01	B. X + $(0.01 \times X)$	C. $X \times 0.01$	D. X + 0.01	
8)		gas prices dropped 1%. Vrice is represented by g)	Which expression sho	ws the new price of a gallon	
	A. g × 0.01	B. g - 0.01g	C. g - 1.01	D. g - 0.01	
9)	•	of a cell phone is 9 perce at by w. Which expression	•	ears. This years model late the weight of last years	
	A. w ÷ 1.09	B. w - 1.09	C. w \times 0.09	D. w - 0.09	
(0)	-	10 an hour before his rais		-	
	A. 10×0.05	B. 10 + 1.05	C. 10×1.05	D. 10 + 0.05	

	ermine which expre	ession is the correct an	iswer.		Answe
1)		· 1		a piece. Because they were nows how much money they	1. B
	A. 45z - 0.18	$B.\ 0.18\times 45z$	C. 45z + 0.18	D. $45z + 1.18$	2. C
2)	-	as charging \$3.43 for a expression shows how t		the price 10% making them ulated?	3. C
	A. 3.43 + 1.1	B. 3.43 + 0.1	C. 3.43 × 1.1	D. 3.43 × 0.1	
)		l for \$44,017. If you wa		than the asking price(p)	4. <u>B</u> 5 D
	A. p - 1.05	B. p - 0.05	C. p - 0.05p	D. $p \times 0.05$	5
)	1 2	U	1 1	nonitors. Which expression tors for z dollars a piece?	6. <u>A</u>
	A. 38z - 0.09	$B. 0.09 \times 38z$	C. 38z + 1.09	D. $38z + 0.09$	7. B
)	• •	f a computer was 819 d ch expression shows th B. n - 21		eekend it'll be on sale for for rom normal(n) to sale? D. n × 0.21	8. <u>B</u> 9. <u>A</u>
)	higher. Which expre	of a college textbook(b) ession shows the differe B. b - 1.19	ence in price from last	t year to this year?	10.
)	-	rice on watermelons 1% hows the new price of t B. $X + (0.01 \times X)$	• •	or each was X dollars. D. X + 0.01	
	Α. Α + 1.01	$\mathbf{D.} \mathbf{\Lambda} + (0.01 \times \mathbf{\Lambda})$	$C. X \times 0.01$	D. X + 0.01	
	-	as prices dropped 1%. Vere is represented by g)	-	ws the new price of a gallon	
)	A. g × 0.01	B. g - 0.01g	C. g - 1.01	D. g - 0.01	
)			at hearing them last w	ears. This years model	
		a cell phone is 9 perce by w. Which expression		late the weight of last years	
	weight is represent			late the weight of last years D. w - 0.09	
))	weight is represent 1 model? A. w ÷ 1.09 Joe was earning \$10	by w. Which expression B. w - 1.09	n can be used to calcu C. w \times 0.09 se. After his 5% raise	D. w - 0.09 he was making \$10.5 an	

	Percer	nt Word Problems a	s Decimal Expressio	ns Name:	
Det		ression is the correct a	*	ing the transmission of transmission o	Answers
	-			he was making \$11.55 an	Answers
,	0		new hourly rate was calc	e	1.
	A. 11 × 0.05	B. 11 × 1.05	C. 11 + 0.05	D. 11 + 1.05	
					2.
2)		_		e original cereal had y cups E marshmallows the new	3
	A. y + 1.35	B. y + 0.35	C. y + $(0.35 \times y)$	D. y × 0.35	
3)	• •	-	dollars, but over the we the difference in price fr	ekend it'll be on sale for for rom normal(n) to sale?	4 5.
	A. n - 1.22	B. n - 0.22	C. n - 22	D. n × 0.22	
4)		gas prices dropped 1%; ice is represented by g	1	vs the new price of a gallon	6
	A. $g \times 0.01$	B. g - 0.01g	C. g - 1.01	D. g - 0.01	7
5)	-	-	g exactly 12 centimeters an he use to find the new	long. If he wanted to make v sides length?	8
	A. 12 × 0.05	B. 12 × 1.05	C. 12 + 1.05	D. 12 + 0.05	9
6)	expression can be	used to calculate the ne	ew cost of an item?	off of any item(i). Which	10
	A. I - 1.1	$\mathbf{D}.1 \times 0.1$	C. i - 0.1	D. 1 - 0.11	
7)		-	ff the price of computer would save if you boug	monitors. Which ht 27 monitors for z dollars	
	A. 27z - 0.19	B. $27z + 0.19$	C. $0.19 \times 27z$	D. 27z + 1.19	
8)		-	(b) was \$120. This year t erence in price from last	-	
	A. b - 24	B. b - 1.24	C. b - 0.24	D. b × 0.24	
9)		vas 835 calories. If they used to find the new ca	y increased the size of th alorie count?	e bar by 3% which	
	A. 835 × 1.03	B. 835 × 0.03	C. 835 + 1.03	D. 835 + 0.03	
10)				a piece. Because they were ows how much money they	
	A. 30z + 1.12	B. 30z + 0.12	C. 30z - 0.12	D. $0.12 \times 30z$	
	Math	www.CommonCoreSheets	s.com 7	1-10 90 80 70 60 50	40 30 20 10 0

		W 1D 11		ns Name: Answer	Kov
		nt Word Problems a pression is the correct :	s Decimal Expressio	ns Name: Answer	
	-			he was making \$11.55 an	Answers
_)	0		ew hourly rate was calc	e	1. B
	A. 11 × 0.05	B. 11 × 1.05	C. 11 + 0.05	D. 11 + 1.05	
					2. <u>C</u>
2)		_		e original cereal had y cups f marshmallows the new	3. D
	A. y + 1.35	B. y + 0.35	C. y + $(0.35 \times y)$	D. y × 0.35	
3)	The regular price	of a computer was 788	dollars, but over the we	ekend it'll be on sale for for	4. D
,		hich expression shows	the difference in price fi	com normal(n) to sale?	5. B
	A. n - 1.22	B. n - 0.22	C. n - 22	D. $n \times 0.22$	
					6. D
4)		gas prices dropped 1% rice is represented by g	-	vs the new price of a gallon	
	A. $g \times 0.01$	B. g - 0.01g	, C. g - 1.01	D. g - 0.01	7. <u>C</u>
	U	0 0	U	U	
5)	Frank drew a squa	are with each side being	g exactly 12 centimeters	long. If he wanted to make	8.
	-		an he use to find the new	•	9. A
	A. 12×0.05	B. 12 × 1.05	C. $12 + 1.05$	D. $12 + 0.05$	
6)	expression can be	used to calculate the ne	-	off of any item(i). Which D. i - 0.1i	10. D
		2010001		211 0111	
7)	1 •	0	ff the price of computer would save if you boug	monitors. Which ht 27 monitors for z dollars	
	A. 27z - 0.19	B. $27z + 0.19$	C. $0.19 \times 27z$	D. 27z + 1.19	
8)	• •	-	b) was \$120. This year terence in price from last	-	
	A. b - 24	B. b - 1.24	C. b - 0.24	D. b × 0.24	
9)		was 835 calories. If the used to find the new ca	y increased the size of th alorie count?	ne bar by 3% which	
	A. 835 × 1.03	B. 835 × 0.03	C. 835 + 1.03	D. 835 + 0.03	
10)		•		a piece. Because they were ows how much money they	
	A. 30z + 1.12	B. 30z + 0.12	C. 30z - 0.12	D. $0.12 \times 30z$	
	Math	www.CommonCoreSheets	s.com 7	1-10 90 80 70 60 50	40 30 20 10 0

	Percen	t Word Problems as	Decimal Expression	ns Name:	
Det		ression is the correct a			Answers
1)	Joe was earning \$6 Which expression	1.			
	A. 6 × 0.05	B. 6 + 0.05	C. 6 × 1.05	D. 6 + 1.05	
2)		aving a sale for 18% off how much money you v		monitors. Which ht 33 monitors for z dollars	2 3
	A. 33z + 0.18	$B.\ 0.18\times 33z$	C. 33z + 1.18	D. 33z - 0.18	4.
3)	19 percent off. Wh	nich expression shows the	he difference in price fr		5.
	A. n × 0.19	B. n - 0.19	C. n - 19	D. n - 1.19	
4)		price on watermelons 7		or each was X dollars.	6
	A. $X + 1.07$	shows the new price of B. X + 0.07	C. $X + (0.07 \times X)$	D. $X \times 0.07$	7
5)		vas 376 calories. If they used to find the new cal		e bar by 6% which	8
	A. 376 × 1.06	B. 376×0.06	C. 376 + 1.06	D. 376 + 0.06	9
6)	A box of cereal advertised having 31% more marshmallows. The original cereal had y cups of marshmallow. Which expression shows the how many cups of marshmallows the new cereal has?				10
	A. y + 0.31	B. $y + (0.31 \times y)$	C. y + 1.31	D. y × 0.31	
7)	•	of a cell phone is 6 perc t by w. Which expressio	-	ars. This years model ate the weight of last years	
	A. w - 1.06	B. w ÷ 1.06	C. $w \times 0.06$	D. w - 0.06	
8)		gas prices dropped 1%. ice is represented by g)	Which expression show	vs the new price of a gallon	
	A. g × 0.01	B. g - 0.01	C. g - 0.01g	D. g - 1.01	
9)	• •	of a college textbook(b shows the difference in	•	he price will be 5% higher. this year?	
	A. b - 1.05	B. b - 0.05	C. b × 0.05	D. b - 5	
10))) While clearing out some old inventory a store offered 25 percent off of any item(i). Which expression can be used to calculate the new cost of an item?				
	A. i - 0.25i	B. i - 1.25	C. i × 0.25	D. i - 0.25	

Math

	_				
			Decimal Expression	ns Name: Answer	Key
	-	ression is the correct a			Answers
1)	Which expression	shows how his new hou	urly rate was calculated		1. C
	A. 6 × 0.05	B. 6 + 0.05	C. 6 × 1.05	D. 6 + 1.05	2. B
2)			the price of computer n would save if you bough	nonitors. Which at 33 monitors for z dollars	3. A
	A. 33z + 0.18	$B.\ 0.18\times 33z$	C. 33z + 1.18	D. 33z - 0.18	
3)	19 percent off. Wh	nich expression shows the	he difference in price fro		4. <u> </u>
	A. n × 0.19	B. n - 0.19	C. n - 19	D. n - 1.19	
4)			%. The original price fo	r each was X dollars.	6. <u>B</u>
	Which expression $A. X + 1.07$	shows the new price of B. $X + 0.07$	the watermelons? C. X + $(0.07 \times X)$	D. $X \times 0.07$	7. B
	M. M + 1.07	$\mathbf{D} \cdot \mathbf{X} + 0 \cdot 0 1$	$\mathbf{C} \cdot \mathbf{A} + (0 \cdot 0 + \mathbf{A})$	$D. A \land 0.07$	C
5)		vas 376 calories. If they used to find the new ca	increased the size of the lorie count?	e bar by 6% which	
	A. 376 × 1.06	B. 376×0.06	C. 376 + 1.06	D. 376 + 0.06	9.
6)		-		original cereal had y cups marshmallows the new	10. <u>A</u>
		B. $y + (0.31 \times y)$	C. y + 1.31	D. y × 0.31	
7)	•		ent heavier than last yea on can be used to calcula	ars. This years model ate the weight of last years	
	A. w - 1.06	$B.\ w \div 1.06$	C. $w \times 0.06$	D. w - 0.06	
8)		gas prices dropped 1%. ice is represented by g)	Which expression show	vs the new price of a gallon	
	A. g × 0.01	B. g - 0.01	C. g - 0.01g	D. g - 1.01	
9)	• •		b) was \$100. This year the price from last year to	he price will be 5% higher. this year?	
	A. b - 1.05	B. b - 0.05	C. b \times 0.05	D. b - 5	
10)	-	t some old inventory a s used to calculate the ne	-	off of any item(i). Which	
	A. i - 0.25i	B. i - 1.25	C. i × 0.25	D. i - 0.25	
					<u> </u>

Math

	Percent	Word Problems a	s Decimal Expressi	ions Name:		
Det	ermine which expre				Answers	
1)	1) A store raised the price on watermelons 11%. The original price for each was X dollars.					
	-	nows the new price of			1.	
	A. X + $(0.11 \times X)$	B . X + 1.11	C. X + 0.11	D. X × 0.11		
					2	
2)		for \$39,870. If you lows how much you		s than the asking price(p)		
	A. p - 0.09	-	C. $p \times 0.09$	D. p - 0.09p	3	
		D.p 1105	0. p / 0.09			
3)	While clearing out s	ome old inventory a	store offered 40 perce	nt off of any item(i). Which	4	
5)	•	sed to calculate the n	-	int off of any nem(i). Which		
	A. i - 0.4	B. i × 0.4	C. i - 1.4	D. i - 0.4i	5	
					6.	
4)				long. If he wanted to make	0	
		-	an he use to find the ne	-	7.	
	A. 9 + 0.09	B. 9 × 1.09	C. 9 + 1.09	D. 9 × 0.09		
					8	
5)	-		-	ows the new price of a gallon		
	A. g - 0.03	e is represented by g B $\alpha = 0.03 \alpha$	C. $g \times 0.03$	D. g - 1.03	9	
	A. g - 0.03	Б. g - 0.05g	C. $g \times 0.03$	D. g - 1.05		
6)	• 1	0	(b) was \$124. This yea erence in price from la	r the price will be 10% st year to this year?	10	
	A. $b \times 0.1$	B. b - 10	C. b - 0.1	D. b - 1.1		
7)	expression can be us	sed to find the new c	alorie count?	the bar by 10% which		
	A. 762 + 1.1	B. $762 + 0.1$	C. 762 × 1.1	D. 762×0.1		
8)		•	-	rs a piece. Because they were nows how much money they		
	A. 23z - 0.05	B. $23z + 0.05$	C. $0.05 \times 23z$	D. 23z + 1.05		
9)	A cell phone compa the new price of the	• •• •	es on their phones by 8	%. Which expression shows		
	A. p - 1.08	B. p - 0.08	C. $p \times 0.08$	D. p - 0.08p		
10)		-		he original cereal had y cups of marshmallows the new		
	A. y + 1.49	B. y + 0.49	C. y × 0.49	D. $y + (0.49 \times y)$		
	Math	ww.CommonCoreSheet	s.com 9	1-10 90 80 70 60 50	40 30 20 10 0	

	Doroont	Word Problems	s Decimal Expression	ons Name: Answe	r Kev		
 Det	ermine which expre				Answers		
	1) A store raised the price on watermelons 11%. The original price for each was X dollars.						
	Which expression sh	-			1. A		
	A. X + $(0.11 \times X)$	B. X + 1.11	C. X + 0.11	D. X × 0.11			
2)	A house was on sell	for \$20,870. If you	wanted to offer 0% loss	than the asking price(p)	2. D		
2)	which expression sh	•		s than the asking price(p)	3. D		
	A. p - 0.09	B. p - 1.09	C. p × 0.09	D. p - 0.09p	5. <u> </u>		
					4. B		
3)	-	•	-	nt off of any item(i). Which			
	expression can be us A. i - 0.4	B. $i \times 0.4$	C. i - 1.4	D. i - 0.4i	5. B		
4)	John drew a square	with each side being	exactly 9 centimeters le	ong. If he wanted to make	6. <u>A</u>		
	1 0	1	an he use to find the ne	0	7. C		
	A. 9 + 0.09	B. 9 × 1.09	C. 9 + 1.09	D. 9 × 0.09			
5)	Over the summer of	a prices drepped 20/	Which expression she	we the new price of a callon	8. <u>C</u>		
5)	of gas? (the old price			ows the new price of a gallon	D		
	A. g - 0.03	B. g - 0.03g	C. g × 0.03	D. g - 1.03	9. D		
6)	higher. Which expre	ession shows the diff	(b) was \$124. This year erence in price from las C. b - 0.1	st year to this year?	10. D		
7)	An icecream bar wa expression can be us		y increased the size of t alorie count?	the bar by 10% which			
	A. 762 + 1.1	B. 762 + 0.1	C. 762 × 1.1	D. 762 × 0.1			
8)		-	-	s a piece. Because they were ows how much money they D. $23z + 1.05$			
0)				6. Which expression shows			
7)	the new price of the	phones(p)?		-			
	A. p - 1.08	B. p - 0.08	C. p × 0.08	D. p - 0.08p			
10)		-	ws the how many cups of	ne original cereal had y cups of marshmallows the new			
	A. y + 1.49	B. y + 0.49	C. y × 0.49	D. y + (0.49 × y)			
	Math	vw.CommonCoreSheet	s.com 9	1-10 90 80 70 60 5	0 40 30 20 10 0		

etermine which e	xpression is the correct a	nswer.		Answer	
	he price on watermelons 19		for each was X dollars.		
-	on shows the new price of			1.	
A. $X \times 0.01$	B. X + $(0.01 \times X)$	C. X + 0.01	D. X + 1.01		
				2.	
	advertised having 8% mor				
cereal has?	Which expression shows	s the now many cups of	of marshimanows the new	3	
A. $y \times 0.08$	B. y + $(0.08 \times y)$	C. y + 1.08	D. y + 0.08		
) This years mod	el of a cell phone is 15 per	cent heavier than last	vears. This years model	4	
· •	1 1		late the weight of last years		
model?				5	
A. $w \times 0.15$	B. w ÷ 1.15	C. w - 1.15	D. w - 0.15	6.	
	sell for \$58,797. If you w		s than the asking price(p)	0.	
	on shows how much you sh		D	7.	
A. p - 1.1	B. p × 0.1	C. p - 0.1	D. p - 0.1p		
				8	
-	out some old inventory a sible used to calculate the new	-	t off of any item(i). Which		
A. i - 0.35	B. $i \times 0.35$	C. i - 1.35	D. i - 0.35i	9	
	2.1				
) Over the summ	Over the summer gas prices dropped 1%. Which expression shows the new price of a gallon				
	price is represented by g)	which expression she	we the new price of a gallon		
A. $g \times 0.01$	B. g - 0.01g	C. g - 1.01	D. g - 0.01		
		•	long. If he wanted to make		
the square 10% A. 6 + 0.1	larger which expression ca B. 6×1.1	an he use to find the n C. 6×0.1	D. 6 + 1.1		
A. $0 + 0.1$	$\mathbf{D}.0 \times 1.1$	$C.0 \times 0.1$	D.0 + 1.1		
) A condwich at	n was charging \$1 51 for	condwich but raised	the price 604 making them		
	ch expression shows how		the price 6% making them culated?		
A. $1.54 + 1.06$	B. 1.54×1.06	C. 1.54×0.06	D. 1.54 + 0.06		
) Last year the pr	ice of a college textbook(b) was \$294. This year	the price will be 10%		
higher. Which e	Last year the price of a college textbook(b) was \$294. This year the price will be 10% higher. Which expression shows the difference in price from last year to this year?				
A. b \times 0.1	B. b - 1.1	C. b - 10	D. b - 0.1		
-	A cell phone company dropped the prices on their phones by 7%. Which expression shows				
the new price of A. $p \times 0.07$	f the phones(p)? B. p - 0.07	C. p - 1.07	D. p - 0.07p		
A. $p \times 0.07$	b . p - 0.07	C. p - 1.07	D. p - 0.07p		
Math			1-10 90 80 70 60 50	40 30 20 10	

	Percer	nt Word Problems as	Decimal Expression	ons Name: Answe i	· Key
Det		ression is the correct a	•		Answers
1)	A store raised the	price on watermelons 19	%. The original price	for each was X dollars.	
	-	shows the new price of			1. B
	A. $X \times 0.01$	B. X + $(0.01 \times X)$	C. X + 0.01	D. X + 1.01	
					2. B
2)		•		original cereal had y cups of marshmallows the new	
	cereal has?	which expression shows	the now many cups (or marshimanows the new	3. B
	A. y × 0.08	B. y + (0.08 × y)	C. y + 1.08	D. y + 0.08	4. D
3)	This years model	of a cell phone is 15 per	cent heavier than last	years. This years model	4
	weight is represent model?	t by w. Which expression	n can be used to calcu	late the weight of last years	5. D
	A. $w \times 0.15$	B. w ÷ 1.15	C. w - 1.15	D. w - 0.15	6 B
4)	A house was on so	ell for \$58,797. If you wa	anted to offer 10% les	ss than the asking price(p)	6. D
	which expression	shows how much you sh	ould offer?		7. B
	A. p - 1.1	B. $p \times 0.1$	C. p - 0.1	D. p - 0.1p	/
					8. B
5)	-	•	-	t off of any item(i). Which	
	expression can be A. i - 0.35	used to calculate the new B. $i \times 0.35$	C. i - 1.35	D. i - 0.35i	9. <u>A</u>
	A. 1 - 0.33	D . 1 × 0.55	C. I - 1.55	D. 1 - 0.551	
6)		gas prices dropped 1%. fice is represented by g)	Which expression sho	ows the new price of a gallon	10. D
	A. g × 0.01	B. g - 0.01g	C. g - 1.01	D. g - 0.01	
7)	-	are with each side being rger which expression ca	•	long. If he wanted to make ew sides length?	
	A. 6 + 0.1	B. 6 × 1.1	C. 6 × 0.1	D. 6 + 1.1	
8)	-	was charging \$1.54 for a a expression shows how t		the price 6% making them culated?	
	A. 1.54 + 1.06	B. 1.54 × 1.06	C. 1.54 × 0.06	D. 1.54 + 0.06	
9)	• •	e of a college textbook(b pression shows the differ	· •	-	
	A. $b \times 0.1$	B. b - 1.1	C. b - 10	D. b - 0.1	
10)	A cell phone comp the new price of the		on their phones by 79	6. Which expression shows	
	A. $p \times 0.07$	B. p - 0.07	C. p - 1.07	D. p - 0.07p	
	Math	www.CommonCoreSheets.c		1-10 90 80 70 60 50	0 40 30 20 10 0
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