	Converting Percent to Decimal Name:	
Con	vert each percent to a decimal.	Answers
1)	95%	
2)	61%	1
		2
3)	844%	3.
4)	87%	
5)	230%	4
		5
0)	503%	6.
7)	51%	
8)	395%	7
9)	49%	8
		9
10)	11%	10.
11)	39%	10.
12)	739%	11
		12
13)	970%	13.
14)	256%	13.
15)	277%	14
10	2704	15
10)	37%	16.
17)	4%	
18)	773%	17
19)	14%	18
		19
20)	219%	20
		20.       75     70     65     60     55     50
	Math     1-10     95     90     85     80       11-20     45     40     35     30	25 20 15 10 5 0

		Converting Decimal to	Percent	Name:		
Con	vert each number					Answers
1)	9.22					
2)	0.62				1.	
					2.	
3)	4.22					
4)	3.07				3.	
-					4.	
5)	7.76				5.	
6)	5.51					
7)	5.6				6.	
.)	5.0				7.	
8)	0.99					
9)	5.72				8.	
10)					9.	
10)	0.36				10.	
11)	0.89					
12)	0.09				11.	
)	0.07				12.	
13)	0.7					
14)	0.28				13.	
1 2					14.	
15)	0.73				15.	
16)	0.26				15.	
17)	0.86				16.	
17)	0.00				17.	
18)	0.74					
19)	2.38				18.	
					19.	
20)	6.81					_
	Math		1	1-10 95 90 8	20. 35 80 75	70 65 60 55 50
	Math	www.CommonCoreSheets.com	1	11-20 45 40 3	35 30 25	20 15 10 5 0

	Finding Percents	Name:
Solve each problem.		Answers
1) What is 150% of 18	?	
2) What is 100% of 153	3?	1
		2
<b>3</b> ) What is 10% of 90?		3.
4) What is 200% of 190	)?	
5) What is 200% of 54	?	4
		5
6) What is 25% of 192	?	6.
7) What is 10% of 100	?	0.
8) What is 125% of 92°	)	7
<b>o</b> ) <b>(iiiii125/00172</b>		8
<b>9</b> ) What is 150% of 38°	?	
<b>10</b> ) What is 10% of 190	?	9
<b>11</b> ) What is 125% of 88	)	10
(1) What is 12570 01 00		11.
<b>12</b> ) What is 50% of 108°	?	
<b>13</b> ) What is 100% of 11	?	12
(4) What is 1500/ of 12	29	13
<b>14</b> ) What is 150% of 123	5?	14.
<b>15</b> ) What is 25% of 56?		
<b>16</b> ) What is 200% of 150	5?	15
<b>.</b>		16
<b>17</b> ) What is 50% of 118	?	17.
<b>18</b> ) What is 25% of 72?		17
<b>19</b> ) What is 125% of 92 <sup>•</sup>	?	18
		19
<b>20</b> ) What is 100% of 56'	?	
	1	1-10 95 90 85 80 75 70 65 60 55 50
Math	w.CommonCoreSheets.com 1	11-20 45 40 35 30 25 20 15 10 5

	Finding Percent of a Decimal Name:	
Solv	ve each problem. Round your answer to the nearest hundredth.	Answers
1)	What is 6% of 24.77?	
		1
2)	What is 14% of 21.55?	2
,		
		3
3)	What is 12% of 37.54?	4
4)	What is 2% of 34.4?	5
		6
5)	$\mathbf{W}_{1}$	7.
5)	What is 5% of 14.03?	/
		8
6)	What is 5% of 37.82?	9.
7)	What is 10% of 48.46?	10
,		11.
8)	What is 14% of 15.27?	12
9)	What is 12% of 23.36?	
10)	What is 6% of 11.46?	
/		
11)	What is 6% of 18.9?	
12)	What is 2% of 33.53?	
	Math	58 50 42 33 25 17

)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	· · · · · · · · · · · · · · · · · · ·
					2.
2)		0 1 11	-	ows the new price of a gallon	
		rice is represented by g		D 0.02	3
	A. g × 0.03	B. g - 1.03	C. g - 0.03g	D. g - 0.03	
•					4
3)	-	t some old inventory a s 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.
	buying so many t saved?	hey got 5% off the pric	e. Which expression sh	ows how much money they	9.
	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. $12 \times 0.06$	•	
		2012 0 1000			
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 × 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	gin 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

	Adding & Subtracting Percents of Quantity Name:		
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	A small bag of flour weighed 13 ounces. A large bag was 5 percent heavier. How much does the large bag weigh?	1.	
2)	A loan company charged 35 percent interest on every	2.	
	dollar borrowed. If a person borrowed 177 dollars, how much would they end up paying total?	3.	
3)	A plant was 46 centimeters tall. After a month it had grown 7% taller. How tall was the plant after a month?	4. 5.	
4)	Ned created a video that was originally 40 minutes long, but he ended up cutting it by 8 percent. How long was his video after he cut it?	6. 7.	
5)	An old cell phone battery would last for 13 hours. The new battery lasts 29 percent longer. How long will the new battery last?	8. 9.	
6)	A furniture store had a chair that cost \$33. After a few months the owner took 9% off the price. How much is the chair now?	10.	
7)	Olivia ordered a shirt online that cost her \$38 total. The package arrived late so the seller took 16% off the price. How much did she end up paying?		
8)	A store was selling lawn mowers for \$69. The repair agreement is 23 percent of the price of the mower. How much would it cost for a mower and repair agreement?		
<b>9</b> )	An older TV screen was 11 centimeters wide. The newer model increased the screen size by 10 percent. How wide is the new TV screen?		
10)	The early version of a cell phone was 93 millimeters thick. The current version is about 16% thinner. How thick is the newer version?		

	Examining Percent Increase and Decrease Name:	
Solv	ze each problem.	Answers
1)	In February Roger spent 30 hours watching Netflix. In March he only spent 22.8 hours watching. What was the percent decrease in the amount of time he spent watching?	1
2)	In February Lana got a puppy that weighed 13 kilograms. By October the puppy weighed 17.16 kilograms. What was the percent the puppy's weight increased?	2 3
3)	A small fruit smoothie is 18 ounces while a large fruit smoothie is 21.96 ounces. The large fruit smoothie is% larger.	4 5
4)	Last month John spent 75.00 dollars on games. This month he only spent \$63.00. He spent percent less this month.	6.   7.
5)	A store sold 14.00 dollars worth of gift cards in October. The next month the goal was to sell \$15.96 worth of gift cards. This is an increase of percent.	8.   9.
6)	Tiffany used to live 15 kilometers away from the school, but after she moved she now lives 9.9 kilometers away. She is percent closer to the school.	10
7)	A library normally collected \$42.00 in fees a month. But in March they collected \$60.48. What is the percent increase in the number of fees collected in March?	
8)	A game normally cost \$53.00, but Isabel used a coupon and got the game for \$37.10. The coupon was for percent off.	
9)	Normally a chef uses 13 ounces of chocolate to make chocolate chip cookies. But he started using 16.12 ounces instead. He should advertise the cookies as having percent more chocolate.	
10)	Last years phone model had a battery that lasted 15 hours. This year the battery only last for 7.5 hours. What was the percent the battery life decreased?	