	Understanding Ratios Name:			
Solv	e each problem.	Α	nswers	
1)	The ratio of shoes sold to sandals sold was 9 : 1. If there were 45 shoes sold, how many sandals were sold?	1		
2)	At a bake sale there were 20 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 4 : 1, what is the combined amount of raisin and oatmeal cookies sold?	2 3		
3)	Frank spent 99 minutes completing a race. He walked 36 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?	4 5		_
4)	Jerry was playing checkers with a friend. The ratio of games Jerry won was 7 : 2. If Jerry won 63 games, how many games did his friend win?	6 7		
5)	At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 3. If there were 60 kids meals sold, what is the combined amount of kids and adult meals sold?	8 9		
6)	A restaurant offers diet soda and regular soda. In one day they sold 42 sodas. If 7 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?	10		
7)	During the lunch break a deli sold 63 large sodas. If the ratio of large sodas sold to small sodas sold was 9 : 4, how many small sodas were sold?			
8)	Dave deleted 50 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was 10 : 1, how many songs did he originally have on his MP3 player?			
9)	Adam had 45 dollars. If he spent 18 dollars on new books, what is the ratio of money he still has to money he's spent?			
10)	A video uploaded had 32 'up votes'. If the ratio of 'up votes' to 'down votes' was 8 : 7, how many 'down votes' did the video get?			

	Understanding Ratios Name: A	nswe	r Key
Solv	e each problem.		Answers
1)	The ratio of shoes sold to sandals sold was 9 : 1. If there were 45 shoes sold, how many sandals were sold?	1	5
		2	25
2)	At a bake sale there were 20 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 4 : 1, what is the combined amount of raisin and oatmeal cookies sold?	es 3	7:4
		4.	18
3)	Frank spent 99 minutes completing a race. He walked 36 minutes and jogged the rest. What is the ratio of time he jogged to time he walked?	5	78
		6.	5:1
4)	Jerry was playing checkers with a friend. The ratio of games Jerry won was 7 : 2. If Jerry won 63 games, how many games did his friend win?	7.	28
		8	55
5)	At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 3. If there were 60 kids meals sold, what is the combined amount of kids and adult meals sold?	9.	3:2
		10	28
6)	A restaurant offers diet soda and regular soda. In one day they sold 42 sodas. If 7 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?	10.	
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Solv	e each problem.		U				Answers
\frown	18	5 · 1	5	$7 \cdot 4$	78		
	28	25	55	3:2	28	1.	
1)	The ratio of sho sandals were so	bes sold to sandals sold?	sold was 9 : 1. If	there were 45 shoes	sold, how many	2.	
2)	At a bake sale t	here were 20 raisin	cookies sold. If	the ratio of raisin co	okies sold to	3	
	oatmeal cookies sold was 4 : 1, what is the combined amount of raisin and oatmeal cookies sold?						
3)	Frank spent 99 What is the ratio	minutes completing o of time he jogged	g a race. He walk to time he walk	ted 36 minutes and joed?	ogged the rest.	6	
4)	Jerry was playin won 63 games,	ng checkers with a how many games c	friend. The ratio lid his friend wir	of games Jerry won	was 7 : 2. If Jerry	7 8	
5)	At a restaurant t kids meals sold	the ratio of kids me , what is the combi	als sold to adult ned amount of k	meals sold was 10 : ids and adult meals s	3. If there were 60 old?	9	
6)	A restaurant off sodas they sold	fers diet soda and re were diet, what is t	egular soda. In o the ratio of regul	ne day they sold 42 s ar sodas sold to diet	sodas. If 7 of the sodas sold?		
7)	During the lunc sodas sold was	h break a deli sold 9 : 4, how many sn	63 large sodas. I nall sodas were s	f the ratio of large so old?	odas sold to small		
8)	Dave deleted 50 kept was 10 : 1,) songs from his M , how many songs c	P3 player. If the lid he originally	ratio of songs he del have on his MP3 pla	eted to songs he yer?		
9)	Adam had 45 de still has to mone	ollars. If he spent 1 ey he's spent?	8 dollars on new	books, what is the r	atio of money he		
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