	Understanding Ratios Name:		
Solv	e each problem.		Answers
1)	At the carnival, the ratio of people who won the ring toss game to lost it was 8 : 3. If 56 people won, how many people would have lost?	1.	
2) 3)	While completing a race, Oliver spent 42 minutes walking. If his ratio of time walking to	2	
	jogging was 6 : 1, how many minutes did he spend completing the race?		
	A restaurant offers diet soda and regular soda. In one day they sold 30 sodas. If 9 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?	5.	
4)	At a pet store the ratio of cats to dogs sold was 7 : 5. If there were 28 cats that were so how many dogs were sold?	6	
5)	Kaleb deleted 36 songs from his MP3 player. If the ratio of songs he deleted to songs he	8.	
	kept was 4 : 3, how many songs did he originally have on his MP3 player?	9	
6)	During a period of 24 minutes, a music station played 9 minutes of commercials. What is the ratio of music they played to commercials they played?	10	
7)	During the lunch break a deli sold 50 large sodas. If the ratio of large sodas sold to small sodas sold was 10 : 1, how many small sodas were sold?		
8)	A pet store sold 40 siamese cats. If the ratio of siamese cats to house cats sold was 8 : 1, what is the combined amount of cats sold?		
9)	A parking lot has 56 spaces total. If 7 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?		
10)	Sam was playing checkers with a friend. The ratio of games Sam won was 9 : 4. If Sam won 63 games, how many games did his friend win?		

	Understanding Ratios Name: Answ	ver Key
Solv	e each problem.	Answers
1)	At the carnival, the ratio of people who won the ring toss game to lost it was 8 : 3. If 56 people won, how many people would have lost?	1. 21
2)		2
	jogging was 6 : 1, how many minutes did he spend completing the race?	3. 7:3
3)	A restaurant offers diet soda and regular soda. In one day they sold 30 sodas. If 9 of the	4
	sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?	5. <u>63</u>
4) 5)	At a pet store the ratio of cats to dogs sold was 7 : 5. If there were 28 cats that were sold,	6. <u>5:3</u>
	now many dogs were sold?	7
	Kaleb deleted 36 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was 4 : 3, how many songs did he originally have on his MP3 player?	8. 43 9. 7:1
6)	During a period of 24 minutes, a music station played 9 minutes of commercials. What is the ratio of music they played to commercials they played?	10. 28
7)	During the lunch break a deli sold 50 large sodas. If the ratio of large sodas sold to small sodas sold was 10 : 1, how many small sodas were sold?	
8)	A pet store sold 40 siamese cats. If the ratio of siamese cats to house cats sold was 8 : 1, what is the combined amount of cats sold?	
9)	A parking lot has 56 spaces total. If 7 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?	
10)	Sam was playing checkers with a friend. The ratio of games Sam won was 9 : 4. If Sam won 63 games, how many games did his friend win?	

		Unders	tanding Ratios		Name:		
Solv		Answers					
	5	63	28	7:1	5:3	1.	
	45	49	21	20	7:3	2.	
1)	At the carnival, the people won, how n	e ratio of people nany people wo	e who won the ring to ould have lost?	oss game to lost it	t was 8 : 3. If 56	3.	
2)	While completing jogging was 6 : 1, 1	a race, Oliver s how many min	pent 42 minutes wall utes did he spend cor	king. If his ratio on mpleting the race?	of time walking to ?	5.	
3)	A restaurant offers sodas they sold we	diet soda and r re diet, what is	regular soda. In one of the ratio of regular s	lay they sold 30 s odas sold to diet s	odas. If 9 of the sodas sold?	7.	
4)	At a pet store the ra how many dogs we	atio of cats to determine the other sold?	logs sold was 7 : 5. If	f there were 28 ca	ts that were sold,	8. 9.	
5)	Kaleb deleted 36 so kept was 4 : 3, how	ongs from his I v many songs d	MP3 player. If the rat id he originally have	io of songs he de on his MP3 play	leted to songs he er?	10.	
6)	During a period of the ratio of music t	24 minutes, a hey played to c	music station played commercials they pla	9 minutes of com yed?	mercials. What is		
7)	During the lunch b sodas sold was 10	reak a deli solc : 1, how many	l 50 large sodas. If th small sodas were sol	e ratio of large so d?	odas sold to small		
8)	A pet store sold 40 what is the combin	siamese cats. I ed amount of c	If the ratio of siamese ats sold?	e cats to house cat	ts sold was 8 : 1,		
9)	A parking lot has 5 empty spaces to fil	6 spaces total. led spaces?	If 7 of the spaces hav	ve cars in them, w	what is the ratio of		
10)	Sam was playing c won 63 games, how	heckers with a w many games	friend. The ratio of g did his friend win?	games Sam won w	vas 9 : 4. If Sam		

6rp3c