	Understanding Ratios Name:		
Solv	e each problem.		Answers
1)	A recipe called for the ratio of sugar to flour to be 4 : 1. If you used 28 ounce of sugar, how many ounces of flour would you need to use?	1	
2)	At a bake sale there were 48 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 5, what is the combined amount of raisin and oatmeal cookies sold?	2 3	
3)	For homework, a student had to complete 16 problems total. If she finished 6 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?	4 5	
4)	In one day a movie store rented out 6 comedies. If the ratio of comedies rented to action movies rented was 3 : 1, how many action movies were rented?	6 7	
5)	A student finished 18 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 6 : 1, how many homework problems did she have total?	8 9	
6)	A produce store offers red and green apples. In one morning they sold 48 apples total. If 20 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?	10.	
7)	The ratio of shoes sold to sandals sold was 10 : 7. If there were 40 shoes sold, how many sandals were sold?		
8)	A chess player won 32 of the games he played. If his ratio of wins to loses was 8 : 3, how many games did he play total?		
9)	A parking lot has 65 spaces total. If 30 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?		
10)	The ratio of red cars to blue cars in a parking lot was 4 : 3. If there were 20 red cars, how many blue cars were there?		

	Understanding Ratios Name: An	swe	r Key
Solv	e each problem.		Answers
1)	A recipe called for the ratio of sugar to flour to be 4 : 1. If you used 28 ounce of sugar, how many ounces of flour would you need to use?	1	7
		2	78
2)	At a bake sale there were 48 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 5, what is the combined amount of raisin and oatmeal cookies	3	5:3
	sold ?	4	2
3)	For homework, a student had to complete 16 problems total. If she finished 6 problems in class, what is the ratio of problems she still needs to complete to problems that she's	5.	21
	already finished?	6	7:5
4)	In one day a movie store rented out 6 comedies. If the ratio of comedies rented to action movies rented was 3 : 1, how many action movies were rented?	7.	28
			11
5)	A student finished 18 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 6 : 1, how many homework problems did she	8 9	7:6
	have total?		15
6)	A produce store offers red and green apples. In one morning they sold 48 apples total. If 20 of the apples they sold were red, what is the ratio of green apples sold to red apples sold?	10	13
7)	The ratio of shoes sold to sandals sold was 10 : 7. If there were 40 shoes sold, how many sandals were sold?		
8)	A chess player won 32 of the games he played. If his ratio of wins to loses was 8 : 3, how many games did he play total?		
9)	A parking lot has 65 spaces total. If 30 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?		
10)	The ratio of red cars to blue cars in a parking lot was 4 : 3. If there were 20 red cars, how many blue cars were there?		

		Unc	lerstanding Rat	ios	Name	
Solv	e each problem.	Une	ierstanding Rat	105	Tvanie.	Answers
\square	78	7	2	44	7:5	
	5:3	15	7:6	28	21	1
1)	A recipe called how many ounc	for the ratio of sug ses of flour would	gar to flour to be 4 you need to use?	4 : 1. If you used 28	s ounce of sugar,	2
2)	At a bake sale the oatmeal cookies sold?	here were 48 raisin s sold was 8 : 5, w	n cookies sold. If the hat is the combine	the ratio of raisin co ed amount of raisin	ookies sold to and oatmeal cookies	4 5.
3)	For homework, class, what is th already finished	a student had to c e ratio of problem !?	omplete 16 proble s she still needs to	ems total. If she fin o complete to probl	ished 6 problems in ems that she's	6
4)	In one day a mo movies rented w	es rented to action	8			
5)	A student finish finished to prob have total?	ed 18 of her home lems she still had	ework problems ir left was 6 : 1, hov	n class. If the ratio o w many homework	of problems she problems did she	9. 10.
6)	A produce store 20 of the apples sold?	offers red and gre they sold were re	een apples. In one d, what is the ratio	morning they sold o of green apples so	48 apples total. If old to red apples	
7)	The ratio of sho sandals were so	es sold to sandals ld?	sold was 10 : 7. In	f there were 40 sho	es sold, how many	
8)	A chess player wany games did	won 32 of the gam he play total?	nes he played. If h	is ratio of wins to le	oses was 8 : 3, how	
9)	A parking lot ha empty spaces to	as 65 spaces total. filled spaces?	If 30 of the space	s have cars in them	, what is the ratio of	
10)	The ratio of red many blue cars	cars to blue cars i were there?	n a parking lot wa	as 4 : 3. If there we	re 20 red cars, how	

	Understanding Ratios Name:	
<u>u</u> Solv	e each problem.	Answors
1)	At a farm the ratio of cows to horses was 10 : 3. If there were 60 cows at the farm, how many horses were there?	1
2)	A chess player won 63 of the games he played. If his ratio of wins to loses was 9 : 2, how many games did he play total?	2 3
3)	During a class election 28 people voted for candidate A. If there were 64 votes total, what is the ratio of votes for candidate B compared to candidate A?	4 5
4)	During the lunch break a deli sold 21 large sodas. If the ratio of large sodas sold to small sodas sold was 7 : 6, how many small sodas were sold?	6 7
5)	At a bake sale there were 10 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 5 : 4, what is the combined amount of raisin and oatmeal cookies sold?	8 9
6)	A small school has 44 students. If 16 of the students are boys, what is the ratio of girls to boys?	10
7)	A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 5 : 3. If the buffet uses 45 cases of ranch dressing, how many cases of caesar do they use?	
8)	A farm had 81 cows. If the ratio of cows to horses was 9 : 8, what is the combined amount of cows and horses?	
9)	John had 65 songs on his MP3 player. If he deleted 20 songs, what is the ratio of songs he kept to songs he deleted?	
10)	During Christmas a book store sold 32 books. If the ratio of books to bookmarks sold was 4 : 1, how many bookmarks did the store sell?	

	Understanding Ratios Name: A	nswe	er Kev
Solv	e each problem.		Answers
1)	At a farm the ratio of cows to horses was 10 : 3. If there were 60 cows at the farm, how many horses were there?	1.	18
		2.	77
2)	A chess player won 63 of the games he played. If his ratio of wins to loses was 9 : 2, how many games did he play total?	3.	9:7
		4.	18
3)	During a class election 28 people voted for candidate A. If there were 64 votes total, what is the ratio of votes for candidate B compared to candidate A?	5.	18
		6.	7:4
4)	During the lunch break a deli sold 21 large sodas. If the ratio of large sodas sold to small sodas sold was 7 : 6, how many small sodas were sold?	7.	27
		8.	153
5)	At a bake sale there were 10 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 5 : 4, what is the combined amount of raisin and oatmeal cookies	s 9.	9:4
	sold?	10	8
6)	A small school has 44 students. If 16 of the students are boys, what is the ratio of girls to boys?	10.	
7)	A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 5 : 3. If the buffet uses 45 cases of ranch dressing, how many cases of caesar do they use?		
8)	A farm had 81 cows. If the ratio of cows to horses was 9 : 8, what is the combined amount of cows and horses?		
9)	John had 65 songs on his MP3 player. If he deleted 20 songs, what is the ratio of songs he kept to songs he deleted?		
10)	During Christmas a book store sold 32 books. If the ratio of books to bookmarks sold was 4 : 1, how many bookmarks did the store sell?		

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		Unde	erstanding Rat	ios	Name:		
Solv	e each problem.		8				Answers
\frown	$7 \cdot 4$	9 · 7	18	8	9 · 4		
	18	153	27	18	77	1.	
1)	At a farm the ra many horses we	tio of cows to horsere there?	es was 10 : 3. If t	there were 60 cows	at the farm, how	2.	
2)	A chess player wany games did	won 63 of the game l he play total?	es he played. If h	is ratio of wins to le	oses was 9 : 2, how	3. 4.	
3)	During a class e is the ratio of vo	election 28 people votes for candidate E	voted for candida compared to ca	te A. If there were and the A?	64 votes total, what	5. 6.	
4)	During the lunc sodas sold was	h break a deli sold 7 : 6, how many sn	21 large sodas. I nall sodas were se	f the ratio of large s old?	odas sold to small	7. 8.	
5)	At a bake sale the oatmeal cookies sold?	here were 10 raisin s sold was 5 : 4, wh	cookies sold. If at is the combine	the ratio of raisin co ed amount of raisin	ookies sold to and oatmeal cookies	9	
6)	A small school boys?	has 44 students. If	16 of the student	s are boys, what is	the ratio of girls to		
7)	A buffet offers a dressing used is caesar do they u	ranch or caesar drea 5 : 3. If the buffet use?	ssing. The ratio o uses 45 cases of	of ranch dressing us ranch dressing, how	ed to caesar v many cases of		
8)	A farm had 81 c of cows and hor	cows. If the ratio of rses?	cows to horses	was 9 : 8, what is th	e combined amount		
9)	John had 65 son kept to songs he	ngs on his MP3 play e deleted?	yer. If he deleted	20 songs, what is t	he ratio of songs he		
10)	During Christm 4 : 1, how many	as a book store solo bookmarks did the	d 32 books. If the estore sell?	e ratio of books to b	oookmarks sold was		

	Understanding Patios Name:	
<u> </u>	e each problem.	Angwarg
1)	During Christmas a book store sold 54 books. If the ratio of books to bookmarks sold was 6 : 1, how many bookmarks did the store sell?	1
2)	A small school has 14 boys. If the ratio of boys to girls is 7 : 5, how many, students are there total?	2 3
3)	A video game had 91 levels in it. If you beat 28 of the levels, what is the ratio of levels left to the levels that have been beaten?	4 5
4)	In one day a movie store rented out 45 comedies. If the ratio of comedies rented to action movies rented was 9 : 2, how many action movies were rented?	6 7
5)	A student finished 8 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 4 : 1, how many homework problems did she have total?	8 9
6)	At a carnival Kaleb bought 22 tickets. If he used 6 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?	10
7)	At the carnival, the ratio of people who won the ring toss game to lost it was 5 : 3. If 20 people won, how many people would have lost?	
8)	Edward was playing 'Connect Four' with a friend. The ratio of games he won to games he lost was 7 : 2, if he won 42 games, how many games did they play total?	
9)	For homework, a student had to complete 28 problems total. If she finished 7 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?	
10)	At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 6 : 5. If there are 30 sugar cones sold, how many waffles cones would be sold?	

	Understanding Ratios Name:	answer Key
Solv	e each problem.	Answers
1)	During Christmas a book store sold 54 books. If the ratio of books to bookmarks sold was 6 : 1, how many bookmarks did the store sell?	1. 9
2)	A small school has 14 boys. If the ratio of boys to girls is 7 : 5, how many, students are there total?	2. <u>24</u> 3. <u>9:4</u>
3)	A video game had 91 levels in it. If you beat 28 of the levels, what is the ratio of levels le	ft 4. <u>10</u> 5 10
4)	In one day a movie store rented out 45 comedies. If the ratio of comedies rented to action	6. <u>8:3</u>
5)	movies rented was 9 : 2, how many action movies were rented?	7. 12 8. 54
5)	A student finished 8 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 4 : 1, how many homework problems did she have total?	9. <u>3:1</u> 10. <u>25</u>
6)	At a carnival Kaleb bought 22 tickets. If he used 6 tickets trying to win the ring toss game what is the ratio of tickets he has to tickets he's used?	·,
7)	At the carnival, the ratio of people who won the ring toss game to lost it was 5 : 3. If 20 people won, how many people would have lost?	
8)	Edward was playing 'Connect Four' with a friend. The ratio of games he won to games he lost was 7 : 2, if he won 42 games, how many games did they play total?	
9)	For homework, a student had to complete 28 problems total. If she finished 7 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?	
10)	At an ice cream shop the ratio of sugar cones sold to waffle cones sold is 6 : 5. If there are 30 sugar cones sold, how many waffles cones would be sold?	

		Unc	lerstanding Rat	ios	Name		
Solv	e each problem	0110	terstanding Rat	105	Tume.	1	Angworg
		25	10	10			Answers
	3:1	25	10	12	8:3		
L	9	10	54	24	9:4	^{1.} -	
1)	During Christm 6 : 1, how many	as a book store so / bookmarks did tl	ld 54 books. If the store sell?	e ratio of books to	bookmarks sold was	2.	
2)	A small school there total?	has 14 boys. If the	e ratio of boys to g	girls is 7 : 5, how n	nany, students are	4	
3)	A video game h to the levels tha	ad 91 levels in it. t have been beater	If you beat 28 of 1?	the levels, what is	the ratio of levels left	6.	
4)	In one day a mo movies rented w	ovie store rented o vas 9 : 2, how mar	ut 45 comedies. If a vaction movies	f the ratio of comeo were rented?	dies rented to action	7 8	
5)	A student finish finished to prob have total?	ed 8 of her homev lems she still had	vork problems in left was 4 : 1, hov	class. If the ratio o w many homework	of problems she problems did she	9. 10.	
6)	At a carnival Ka what is the ratio	aleb bought 22 tick of tickets he has	kets. If he used 6 to tickets he's use	tickets trying to wi d?	in the ring toss game,		
7)	At the carnival, people won, how	the ratio of people w many people we	e who won the rin ould have lost?	ng toss game to los	t it was 5 : 3. If 20		
8)	Edward was pla lost was 7 : 2, if	ying 'Connect Fou the won 42 games	nr' with a friend. T , how many game	The ratio of games es did they play tot	he won to games he al?		
9)	For homework, class, what is th already finished	a student had to c e ratio of problem l?	omplete 28 probles she still needs to	ems total. If she fir o complete to prob	hished 7 problems in lems that she's		
10)	At an ice cream 30 sugar cones s	shop the ratio of sold, how many w	sugar cones sold t affles cones woul	to waffle cones sold d be sold?	d is 6 : 5. If there are		

	Understanding Ratios Name:	
Solv	e each problem.	Answers
1)	During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 3 : 1, how many small sodas were sold?	1
2)	A cafeteria sold 72 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 9 : 7, what is the combined amount of chocolate and regular milk sold?	2. 3.
3)	A chess player played 99 games total. If he won 36 of the games, what is the ratio of games he lost to games he won?	4. 5.
4)	At the carnival, the ratio of people who won the ring toss game to lost it was 7 : 5. If 28 people won, how many people would have lost?	6. 7.
5)	At a bake sale there were 54 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 9 : 8, what is the combined amount of raisin and oatmeal cookies sold?	8. 9.
6)	For homework, a student had to complete 32 problems total. If she finished 12 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?	10
7)	At a pet store the ratio of cats to dogs sold was 7 : 6. If there were 21 cats that were sold, how many dogs were sold?	
8)	A fast food restaurant sold 20 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 5 : 4, how many burgers did they sell total?	
9)	At a carnival Ned bought 30 tickets. If he used 3 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?	
10)	A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 8 : 3. If the buffet uses 56 cases of ranch dressing, how many cases of caesar do they use?	

	Understanding Ratios Name: A	nswer Key
Solv	e each problem.	Answers
1)	During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 3 : 1, how many small sodas were sold?	14
2)		2. 128
2)	A careteria sold 72 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 9 : 7, what is the combined amount of chocolate and regular milk sold?	3. 7 : 4
		4. 20
3)	A chess player played 99 games total. If he won 36 of the games, what is the ratio of games he lost to games he won?	5. 102
		6. 5:3
4)	At the carnival, the ratio of people who won the ring toss game to lost it was 7 : 5. If 28 people won, how many people would have lost?	7. 18
		8. 36
5)	At a bake sale there were 54 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 9 : 8, what is the combined amount of raisin and oatmeal cookie	s 9. 9:1
	sold?	21
6)	For homework, a student had to complete 32 problems total. If she finished 12 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?	10. <u>21</u>
7)	At a pet store the ratio of cats to dogs sold was 7 : 6. If there were 21 cats that were sold, how many dogs were sold?	
8)	A fast food restaurant sold 20 burgers with cheese. If the ratio of burgers sold with cheese compared to without cheese was 5 : 4, how many burgers did they sell total?	
9)	At a carnival Ned bought 30 tickets. If he used 3 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?	
10)	A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 8 : 3. If the buffet uses 56 cases of ranch dressing, how many cases of caesar do they use?	

		Und	erstanding Rat	ios	Name:		
Solv	e each problem.	•	U				Answers
	20 5 : 3	102 21	36 4	18 9 : 1	128 7:4	1.	
1)	During the lunc sodas sold was	ch break a deli sold 3 : 1, how many sr	12 large sodas. I nall sodas were s	f the ratio of large s old?	sodas sold to small	2 3.	
2)	A cafeteria sold chocolate milk sold?	172 cartons of regu sold was 9 : 7, wha	lar flavored milk t is the combined	t. If the ratio of regulation of regulation of the ratio of the regulation of the re	ılar milk sold to ate and regular milk	4 5.	
3)	A chess player games he lost to	played 99 games to o games he won?	otal. If he won 36	of the games, wha	t is the ratio of	6.	
4)	At the carnival, people won, ho	the ratio of people w many people wo	who won the rin uld have lost?	ng toss game to lost	it was 7 : 5. If 28	7 8	
5)	At a bake sale there were 54 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 9 : 8, what is the combined amount of raisin and oatmeal cookies sold?						
6)	For homework, class, what is th already finished	a student had to co ne ratio of problems 1?	omplete 32 probles s she still needs to	ems total. If she fin o complete to probl	ished 12 problems in ems that she's		
7)	At a pet store th how many dogs	ne ratio of cats to des were sold?	ogs sold was 7 : 6	6. If there were 21 c	cats that were sold,		
8)	A fast food rest compared to wi	aurant sold 20 burg thout cheese was 5	gers with cheese. : 4, how many b	If the ratio of burge ourgers did they sell	ers sold with cheese total?		
9)	At a carnival Newhat is the ratio	ed bought 30 ticker o of tickets he has t	s. If he used 3 tions to be used 5 to be use	ckets trying to win t d?	the ring toss game,		
10)	A buffet offers dressing used is caesar do they u	ranch or caesar dre s 8 : 3. If the buffet use?	ssing. The ratio ouses 56 cases of	of ranch dressing us ranch dressing, how	sed to caesar w many cases of		

	Understanding Ratios Name:	
Solv	e each problem.	Answers
1)	The ratio of white chocolate to dark chocolate sold at a candy shop was 9 : 1. If there were 72 bars of white chocolate sold, how many bars of dark chocolate were sold?	1
2)	A cafeteria sold 48 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 6 : 5, what is the combined amount of chocolate and regular milk sold?	2. 3.
3)	For an art show, an artist painted 48 pictures. During the show he sold 18 of his pictures. What is the ratio of pictures he still has to pictures he sold?	4 5
4)	In one day a movie store rented out 32 comedies. If the ratio of comedies rented to action movies rented was 8 : 3, how many action movies were rented?	6 7
5)	A teacher had 42 red pens. If the ratio of red pens to blue pens she owned was 7 : 1, how many pens did she have total?	8. 9.
6)	At a bake sale there were 52 items sold total. If 16 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?	10
7)	Frank was playing checkers with a friend. The ratio of games Frank won was 3 : 1. If Frank won 24 games, how many games did his friend win?	
8)	During a class election the ratio of students who voted for candidate A compared to candidate B was 9 : 7. If candidate A received 63 votes, what is the combined amount of votes candidate A and candidate B received?	
9)	At a carnival John bought 45 tickets. If he used 9 tickets trying to win the ring toss game, what is the ratio of tickets he has to tickets he's used?	
10)	A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 5 : 4. If the buffet uses 15 cases of ranch dressing, how many cases of caesar do they use?	

	Understanding Ratios Name:	Answer Kev
Solv	e each problem.	Answers
1)	The ratio of white chocolate to dark chocolate sold at a candy shop was 9 : 1. If there were 72 bars of white chocolate sold, how many bars of dark chocolate were sold?	re 1. <u>8</u>
		288
2)	A cafeteria sold 48 cartons of regular flavored milk. If the ratio of regular milk sold to chocolate milk sold was 6 : 5, what is the combined amount of chocolate and regular mill sold?	k 3. 5:3
	5014.	412
3)	For an art show, an artist painted 48 pictures. During the show he sold 18 of his pictures. What is the ratio of pictures he still has to pictures he sold?	5. 48
		6. 9:4
4)	In one day a movie store rented out 32 comedies. If the ratio of comedies rented to action movies rented was 8 : 3, how many action movies were rented?	n 7. 8
		8112
5)	A teacher had 42 red pens. If the ratio of red pens to blue pens she owned was 7 : 1, how many pens did she have total?	9. 4:1
		10. 12
6)	At a bake sale there were 52 items sold total. If 16 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?	2
7)	Frank was playing checkers with a friend. The ratio of games Frank won was 3 : 1. If Frank won 24 games, how many games did his friend win?	
8)	During a class election the ratio of students who voted for candidate A compared to candidate B was 9 : 7. If candidate A received 63 votes, what is the combined amount of votes candidate A and candidate B received?	
9)	At a carnival John bought 45 tickets. If he used 9 tickets trying to win the ring toss game what is the ratio of tickets he has to tickets he's used?	,
10)	A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 5 : 4. If the buffet uses 15 cases of ranch dressing, how many cases of caesar do they use?	

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		Und	erstanding Rat	ios	Name:		
Solv	e each problem		0				Answers
\square	112	88	4 · 1	<u>9</u> · Д	12		
	8	48	8	5:3	12	1.	
1)	The ratio of wh 72 bars of white	ite chocolate to dan e chocolate sold, he	rk chocolate sold ow many bars of	at a candy shop was dark chocolate were	9 : 1. If there were sold?	2	
2)	A cafeteria sold chocolate milk sold?	l 48 cartons of regu sold was 6 : 5, wha	llar flavored milk at is the combined	. If the ratio of regul amount of chocolat	ar milk sold to te and regular milk	4	
3)	For an art show What is the rati	an artist painted 2 o of pictures he stil	48 pictures. Durir Il has to pictures 1	ng the show he sold if he sold?	18 of his pictures.	6	
4)	In one day a mo movies rented v	ovie store rented ou was 8 : 3, how man	at 32 comedies. If y action movies	f the ratio of comedio were rented?	es rented to action	7 8	
5)	A teacher had 4 many pens did	2 red pens. If the r she have total?	atio of red pens t	o blue pens she own	ed was 7 : 1, how	9	
6)	At a bake sale t rest were brown	here were 52 items nies what is the rati	sold total. If 16 o of brownies so	of the items sold wer ld to cookies sold?	re cookies and the		
7)	Frank was play Frank won 24 g	ing checkers with a games, how many g	a friend. The ratio games did his frie	o of games Frank wo nd win?	n was 3 : 1. If		
8)	During a class e candidate B wa votes candidate	election the ratio of s 9 : 7. If candidate A and candidate E	f students who vo e A received 63 v 8 received?	ted for candidate A otes, what is the con	compared to abined amount of		
9)	At a carnival Jo what is the ratio	ohn bought 45 ticke o of tickets he has t	ets. If he used 9 ti o tickets he's use	ckets trying to win t d?	he ring toss game,		
10)	A buffet offers dressing used is caesar do they u	ranch or caesar dress 5 : 4. If the buffet use?	essing. The ratio of uses 15 cases of	of ranch dressing use ranch dressing, how	ed to caesar many cases of		

	Linderstanding Ratios Name:	
U Solv	e each problem.	Answers
1)	The ratio of white chocolate to dark chocolate sold at a candy shop was 10 : 1. If there were 70 bars of white chocolate sold, how many bars of dark chocolate were sold?	1
2)	A parking lot has 12 empty space. If the ratio of empty spaces to taken spaces is 4 : 3, how many spaces are there total?	2 3
3)	A chess player played 91 games total. If he won 42 of the games, what is the ratio of games he lost to games he won?	4. 5.
4)	A vendor sold 27 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was 3 : 2, how many hamburgers did the vendor sell?	6 7
5)	A student finished 15 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 5 : 3, how many homework problems did she have total?	8 9
6)	At a bake sale there were 117 items sold total. If 45 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?	10
7)	At summer camp the ratio of boys to girls was 9 : 8. If there were 36 boys, how many girls were there?	
8)	A small school has 35 boys. If the ratio of boys to girls is 7 : 5, how many, students are there total?	
9)	For homework, a student had to complete 117 problems total. If she finished 36 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?	
10)	During a race Gwen jogged for 18 minutes. If the ratio of time she jogged to time she walked was 3 : 1, how many minutes did Gwen walk?	

	Understanding Ratios Name:	Answ	er Kev
Solv	e each problem.		Answers
1)	The ratio of white chocolate to dark chocolate sold at a candy shop was 10 : 1. If there were 70 bars of white chocolate sold, how many bars of dark chocolate were sold?	1.	7
		2.	21
2)	A parking lot has 12 empty space. If the ratio of empty spaces to taken spaces is 4 : 3, how many spaces are there total?	w 3.	7:6
		4.	18
3)	A chess player played 91 games total. If he won 42 of the games, what is the ratio of games he lost to games he won?	5.	24
		6.	8:5
4)	A vendor sold 27 hotdogs during a football game. If the ratio of hotdogs to hamburgers sold was 3 : 2, how many hamburgers did the vendor sell?	7.	32
		8.	60
5)	A student finished 15 of her homework problems in class. If the ratio of problems she finished to problems she still had left was 5 : 3, how many homework problems did she	9.	9:4
	have total?	10.	6
6)	At a bake sale there were 117 items sold total. If 45 of the items sold were cookies and the rest were brownies what is the ratio of brownies sold to cookies sold?	e	
7)	At summer camp the ratio of boys to girls was 9 : 8. If there were 36 boys, how many girl were there?	ls	
8)	A small school has 35 boys. If the ratio of boys to girls is 7 : 5, how many, students are there total?		
9)	For homework, a student had to complete 117 problems total. If she finished 36 problems in class, what is the ratio of problems she still needs to complete to problems that she's already finished?		
10)	During a race Gwen jogged for 18 minutes. If the ratio of time she jogged to time she walked was 3 : 1, how many minutes did Gwen walk?		

		Und	erstanding Rat	ios	Name:		
Solv	e each problem.						Answers
\frown	6	60	32	9 · 4	7 · 6		
	18	21	24	7	8:5	1.	
1)	The ratio of white were 70 bars of w	e chocolate to dat thite chocolate so	k chocolate sold ld, how many ba	at a candy shop wa rs of dark chocolat	as 10 : 1. If there e were sold?	2.	
2)	A parking lot has many spaces are t	12 empty space. here total?	If the ratio of em	pty spaces to take	n spaces is 4 : 3, how	4	
3)	A chess player pla games he lost to g	ayed 91 games to games he won?	otal. If he won 42	of the games, wha	t is the ratio of	5 6	
4)	A vendor sold 27 sold was 3 : 2, ho	hotdogs during a w many hamburg	a football game. I gers did the vendo	f the ratio of hotdo or sell?	gs to hamburgers	7 8	
5)	A student finished finished to proble have total?	l 15 of her home ms she still had l	work problems in eft was 5 : 3, hov	n class. If the ratio ov many homework	of problems she problems did she	9	
6)	At a bake sale the rest were brownie	ere were 117 item as what is the rati	ns sold total. If 45 o of brownies sol	of the items sold v d to cookies sold?	were cookies and the		
7)	At summer camp were there?	the ratio of boys	to girls was 9 : 8	. If there were 36 b	ooys, how many girls		
8)	A small school hat there total?	us 35 boys. If the	ratio of boys to g	girls is 7 : 5, how m	any, students are		
9)	For homework, a in class, what is the already finished?	student had to co ne ratio of proble	omplete 117 prob oms she still needs	lems total. If she fi s to complete to pro	nished 36 problems oblems that she's		
10)	During a race Gw walked was 3 : 1,	en jogged for 18 how many minu	minutes. If the ra tes did Gwen wal	atio of time she jog lk?	ged to time she		

	Understanding Ratios Name	
Solv	e each problem.	Answers
1)	The ratio of red cars to blue cars in a parking lot was 7 : 3. If there were 63 red cars, how many blue cars were there?	1
2)	A small school has 30 boys. If the ratio of boys to girls is 6 : 5, how many, students are there total?	2.
3)	Mike had 33 songs on his MP3 player. If he deleted 9 songs, what is the ratio of songs he kept to songs he deleted?	4. 5.
4)	A recipe called for the ratio of sugar to flour to be 5 : 2. If you used 20 ounce of sugar, how many ounces of flour would you need to use?	6 7
5)	A produce store sold 30 red apples. If the ratio of red apples to green apples sold was 5 : 1, what is the combined amount of red and green apples sold?	8. 9.
6)	A box of candy has 91 pieces total. If 21 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces?	10
7)	At the carnival, the ratio of people who won the ring toss game to lost it was 7 : 2. If 42 people won, how many people would have lost?	
8)	A parking lot has 16 empty space. If the ratio of empty spaces to taken spaces is 8 : 1, how many spaces are there total?	
9)	During a class election 35 people voted for candidate A. If there were 98 votes total, what is the ratio of votes for candidate B compared to candidate A?	
10)	During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 4 : 3, how many small sodas were sold?	
		1

Understanding Ratios Name:	Answer Key
e each problem.	Answers
The ratio of red cars to blue cars in a parking lot was 7 : 3. If there were 63 red cars, how many blue cars were there?	127
A small school has 30 boys. If the ratio of boys to girls is 6 : 5, how many, students are there total?	2. 55 3. 8:3
Mike had 33 songs on his MP3 player. If he deleted 9 songs, what is the ratio of songs he kept to songs he deleted?	4. <u>8</u> 5. <u>36</u>
A recipe called for the ratio of sugar to flour to be 5 : 2. If you used 20 ounce of sugar, how many ounces of flour would you need to use?	6. 10:3 7. 12
A produce store sold 30 red apples. If the ratio of red apples to green apples sold was 5 : what is the combined amount of red and green apples sold?	8. 18 9. 9:5
A box of candy has 91 pieces total. If 21 of the pieces are cherry flavored, what is the ration of other flavors to cherry flavored pieces?	10. <u>9</u>
At the carnival, the ratio of people who won the ring toss game to lost it was 7 : 2. If 42 people won, how many people would have lost?	
A parking lot has 16 empty space. If the ratio of empty spaces to taken spaces is 8 : 1, how many spaces are there total?	w
During a class election 35 people voted for candidate A. If there were 98 votes total, wha is the ratio of votes for candidate B compared to candidate A?	t
During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 4 : 3, how many small sodas were sold?	
	 Understanding Ratios New A e acch problem. The ratio of red cars to blue cars in a parking lot was 7 : 3. If there were 63 red cars, how many blue cars were there? A small school has 30 boys. If the ratio of boys to girls is 6 : 5, how many, students are there total? Mike had 33 songs on his MP3 player. If he deleted 9 songs, what is the ratio of songs he kept to songs he deleted? A recipe called for the ratio of sugar to flour to be 5 : 2. If you used 20 ounce of sugar, how many ounces of flour would you need to use? A produce store sold 30 red apples. If the ratio of red apples to green apples sold was 5 : what is the combined amount of red and green apples sold? A box of candy has 91 pieces total. If 21 of the pieces are cherry flavored, what is the ratio of other flavors to cherry flavored pieces? A the carnival, the ratio of people who won the ring toss game to lost it was 7 : 2. If 42 people won, how many people would have lost? A parking lot has 16 empty space. If the ratio of empty spaces to taken spaces is 8 : 1, hor many spaces are there total? During a class election 35 people voted for candidate A. If there were 98 votes total, what is the ratio of votes for candidate B compared to candidate A? During the lunch break a deli sold 12 large sodas. If the ratio of large sodas sold to small sodas sold was 4 : 3, how many small sodas were sold?

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		Name:					
Solv	e each problen	n.	- C				Answers
\square	8	12 10 : 3	55 36	8 : 3 9 : 5	18 27	1.	
1)	The ratio of re many blue car	d cars to blue cars in s were there?	a parking lot w	as 7 : 3. If there were	e 63 red cars, how	2	
2)	A small schoo there total?	l has 30 boys. If the 1	atio of boys to	girls is 6 : 5, how ma	ny, students are	4	
3)	Mike had 33 s kept to songs l	ongs on his MP3 play ne deleted?	yer. If he delete	d 9 songs, what is the	e ratio of songs he	5 6	
4)	A recipe called how many our	d for the ratio of sugances of flour would y	r to flour to be a out need to use?	5 : 2. If you used 20 o	ounce of sugar,	7 8	
5)	A produce stor what is the cor	re sold 30 red apples. mbined amount of red	If the ratio of r d and green app	ed apples to green ap les sold?	pples sold was 5 : 1,	9	
6)	A box of cand of other flavor	y has 91 pieces total. s to cherry flavored p	If 21 of the pie pieces?	ces are cherry flavore	ed, what is the ratio		
7)	At the carniva people won, h	l, the ratio of people ow many people wou	who won the rir Ild have lost?	ng toss game to lost it	t was 7 : 2. If 42		
8)	A parking lot l many spaces a	has 16 empty space. I re there total?	If the ratio of en	npty spaces to taken s	spaces is 8 : 1, how		
9)	During a class is the ratio of v	election 35 people v votes for candidate B	oted for candida compared to ca	ate A. If there were 9 andidate A?	8 votes total, what		
10)	During the lun sodas sold was	ich break a deli sold i s 4 : 3, how many sm	12 large sodas. I all sodas were s	f the ratio of large so old?	odas sold to small		

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	Understanding Ratios Name:	
Solv	e each problem.	Answers
1)	The ratio of white chocolate to dark chocolate sold at a candy shop was 5 : 2. If there we 10 bars of white chocolate sold, how many bars of dark chocolate were sold?	re 1
2)	At a restaurant the ratio of kids meals sold to adult meals sold was 4 : 1. If there were 32 kids meals sold, what is the combined amount of kids and adult meals sold?	2 3
3)	A parking lot has 18 spaces total. If 8 of the spaces have cars in them, what is the ratio o empty spaces to filled spaces?	f 4 5
4)	At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 7. If there were 4 kids meals sold, how many adult meals were sold?	6. 7.
5)	A pet store sold 81 siamese cats. If the ratio of siamese cats to house cats sold was 9 : 4, what is the combined amount of cats sold?	8. 9.
6)	For an art show, an artist painted 55 pictures. During the show he sold 20 of his pictures What is the ratio of pictures he still has to pictures he sold?	10
7)	The ratio of red cars to blue cars in a parking lot was 7 : 2. If there were 21 red cars, how many blue cars were there?	,
8)	A farm had 50 cows. If the ratio of cows to horses was 10 : 3, what is the combined amount of cows and horses?	
9)	A small school has 40 students. If 16 of the students are boys, what is the ratio of girls to boys?	
10)	A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 7 : 6. If the buffet uses 28 cases of ranch dressing, how many cases of caesar do they use?	

	Understanding Ratios Name:	Answe	er Key
Solv	e each problem.		Answers
1)	The ratio of white chocolate to dark chocolate sold at a candy shop was 5 : 2. If there we 10 bars of white chocolate sold, how many bars of dark chocolate were sold?	ere 1.	4
		2.	40
2)	At a restaurant the ratio of kids meals sold to adult meals sold was 4 : 1. If there were 32 kids meals sold, what is the combined amount of kids and adult meals sold?	3.	5:4
		4	28
3)	A parking lot has 18 spaces total. If 8 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?	f 5.	117
		6.	7:4
4)	At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 7. If there were 4 kids meals sold, how many adult meals were sold?	0 7.	6
		o	65
5)	A pet store sold 81 siamese cats. If the ratio of siamese cats to house cats sold was 9 : 4, what is the combined amount of cats sold?	9.	3:2
			24
6)	For an art show, an artist painted 55 pictures. During the show he sold 20 of his pictures. What is the ratio of pictures he still has to pictures he sold?		24
7)	The ratio of red cars to blue cars in a parking lot was 7 : 2. If there were 21 red cars, how many blue cars were there?	7	
8)	A farm had 50 cows. If the ratio of cows to horses was 10 : 3, what is the combined amount of cows and horses?		
9)	A small school has 40 students. If 16 of the students are boys, what is the ratio of girls to boys?)	
10)	A buffet offers ranch or caesar dressing. The ratio of ranch dressing used to caesar dressing used is 7 : 6. If the buffet uses 28 cases of ranch dressing, how many cases of caesar do they use?		

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		Unc	lerstanding Ratio	OS	Name:		
Solv	e each problem.		0				Answers
\frown	5 · 4	6	$7 \cdot 4$	28	3 · 2		
	40	24	117	4	65	1.	
1)	The ratio of wh 10 bars of white	ite chocolate to da e chocolate sold, h	rk chocolate sold a ow many bars of d	t a candy shop wa ark chocolate were	s 5 : 2. If there were e sold?	2.	
2)	At a restaurant t kids meals sold	the ratio of kids m , what is the comb	eals sold to adult n ined amount of kid	neals sold was 4 : Is and adult meals	1. If there were 32 sold?	3 4	
3)	A parking lot hat empty spaces to	as 18 spaces total. filled spaces?	If 8 of the spaces h	nave cars in them,	what is the ratio of	5 6	
4)	At a restaurant t kids meals sold	the ratio of kids m , how many adult	eals sold to adult n meals were sold?	neals sold was 10	7. If there were 40	7 8	
5)	A pet store sold 81 siamese cats. If the ratio of siamese cats to house cats sold was 9 : 4, what is the combined amount of cats sold?						
6)	For an art show What is the ratio	, an artist painted o of pictures he sti	55 pictures. During Ill has to pictures h	g the show he sold e sold?	20 of his pictures.		
7)	The ratio of red many blue cars	cars to blue cars i were there?	n a parking lot was	s 7 : 2. If there we	re 21 red cars, how		
8)	A farm had 50 c amount of cows	cows. If the ratio of and horses?	of cows to horses w	vas 10 : 3, what is t	the combined		
9)	A small school boys?	has 40 students. If	16 of the students	are boys, what is	the ratio of girls to		
10)	A buffet offers dressing used is caesar do they u	ranch or caesar dr 7 : 6. If the buffe ise?	essing. The ratio of t uses 28 cases of r	f ranch dressing us anch dressing, hov	ed to caesar w many cases of		

	Luderster din a Dation	A.T.	
<u> </u>	e each problem	Name:	Answors
1)	During a class election 16 students voted for candidate A. If the ratio of votes a candidate A to the votes for candidate B was 4 : 1, how many votes did candid receive?	for late B 1	<u>Answers</u>
2)	While completing a race, Luke spent 42 minutes walking. If his ratio of time w jogging was 6 : 5, how many minutes did he spend completing the race?	valking to 3	
3)	For an art show, an artist painted 75 pictures. During the show he sold 35 of hi What is the ratio of pictures he still has to pictures he sold?	is pictures.	
4)	The ratio of red cars to blue cars in a parking lot was 7 : 3. If there were 28 red many blue cars were there?	d cars, how 7	
5)	George deleted 45 songs from his MP3 player. If the ratio of songs he deleted kept was 5 : 4, how many songs did he originally have on his MP3 player?	to songs he	
6)	A parking lot has 66 spaces total. If 12 of the spaces have cars in them, what is empty spaces to filled spaces?	s the ratio of	0
7)	Oliver was playing checkers with a friend. The ratio of games Oliver won was Oliver won 72 games, how many games did his friend win?	9 : 1. If	
8)	A farm had 6 cows. If the ratio of cows to horses was 3 : 1, what is the combin of cows and horses?	ned amount	
9)	Frank had 39 songs on his MP3 player. If he deleted 15 songs, what is the ratio kept to songs he deleted?	o of songs he	
10)	At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 7. If the kids meals sold, how many adult meals were sold?	ere were 30	

	Understanding Ratios Name: An	iswer Kev	
Solv	e each problem.	Answers	
1)	During a class election 16 students voted for candidate A. If the ratio of votes for candidate A to the votes for candidate B was 4 : 1, how many votes did candidate B receive?	14	
2)	While completing a race, Luke spent 42 minutes walking. If his ratio of time walking to jogging was 6 : 5, how many minutes did he spend completing the race?	2. 77 3. 8:7	
3)	For an art show, an artist painted 75 pictures. During the show he sold 35 of his pictures. What is the ratio of pictures he still has to pictures he sold?	4. <u>12</u> 5. <u>81</u>	
4)	The ratio of red cars to blue cars in a parking lot was 7 : 3. If there were 28 red cars, how many blue cars were there?	6. <u>9:2</u> 7. <u>8</u>	
5)	George deleted 45 songs from his MP3 player. If the ratio of songs he deleted to songs he kept was 5 : 4, how many songs did he originally have on his MP3 player?	8. <u>8</u> 9. <u>8:5</u>	
6)	A parking lot has 66 spaces total. If 12 of the spaces have cars in them, what is the ratio of empty spaces to filled spaces?	10. 21	
7)	Oliver was playing checkers with a friend. The ratio of games Oliver won was 9 : 1. If Oliver won 72 games, how many games did his friend win?		
8)	A farm had 6 cows. If the ratio of cows to horses was 3 : 1, what is the combined amount of cows and horses?		
9)	Frank had 39 songs on his MP3 player. If he deleted 15 songs, what is the ratio of songs he kept to songs he deleted?		
10)	At a restaurant the ratio of kids meals sold to adult meals sold was 10 : 7. If there were 30 kids meals sold, how many adult meals were sold?		

		Unde	rstanding Rat	tios	Name:		
Solv	e each problem	ı.					Answers
	8 4	8 : 7 77	8 21	8 : 5 12	9:2 81	1	
1)	During a class candidate A to receive?	election 16 students the votes for candida	voted for candiate B was 4 : 1,	date A. If the ratio o how many votes did	f votes for l candidate B	2	
2)	While complet jogging was 6	ing a race, Luke sper : 5, how many minut	nt 42 minutes w es did he spend	alking. If his ratio of completing the race	f time walking to ?	4	
3)	For an art show What is the rat	v, an artist painted 75 io of pictures he still	pictures. Durin has to pictures	ng the show he sold he sold?	35 of his pictures.	6	
4)	The ratio of rea many blue cars	d cars to blue cars in s were there?	a parking lot w	as 7 : 3. If there wer	e 28 red cars, how	8	
5)	George deleted kept was 5 : 4,	l 45 songs from his N how many songs did	1P3 player. If the originally h	ne ratio of songs he o have on his MP3 play	deleted to songs he yer?	9	
6)	A parking lot h empty spaces t	nas 66 spaces total. If o filled spaces?	12 of the space	es have cars in them,	, what is the ratio of		
7)	Oliver was pla Oliver won 72	ying checkers with a games, how many ga	friend. The rati ames did his frie	o of games Oliver w end win?	on was 9 : 1. If		
8)	A farm had 6 c of cows and he	cows. If the ratio of c prses?	ows to horses w	vas 3 : 1, what is the	combined amount		
9)	Frank had 39 s kept to songs h	ongs on his MP3 pla ne deleted?	yer. If he delete	ed 15 songs, what is	the ratio of songs he		
10)	At a restaurant kids meals sold	the ratio of kids mea d, how many adult m	ls sold to adult eals were sold?	meals sold was 10 :	7. If there were 30		

	Understanding Ratios Name:						
Solve each problem.							
1)	At a restaurant the ratio of kids meals sold to adult meals sold was 9 : 2. If there were 45 kids meals sold, how many adult meals were sold?	1.					
2)	At a bake sale there were 16 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 5, what is the combined amount of raisin and oatmeal cookies sold?	2. 3.					
3)	Victor had 85 dollars. If he spent 35 dollars on new books, what is the ratio of money he still has to money he's spent?	4. 5.					
4)	A classroom had 42 glue sticks. If the ratio of glue sticks to glue bottles was 6 : 1, how many glue bottles did the classroom have?	6. 7.					
5)	During a class election the ratio of students who voted for candidate A compared to candidate B was 5 : 3. If candidate A received 35 votes, what is the combined amount of votes candidate A and candidate B received?	8. 9.					
6)	A restaurant offers diet soda and regular soda. In one day they sold 91 sodas. If 42 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?	10.					
7)	During Christmas a book store sold 50 books. If the ratio of books to bookmarks sold was 10 : 3, how many bookmarks did the store sell?						
8)	While completing a race, Paul spent 72 minutes walking. If his ratio of time walking to jogging was 8 : 3, how many minutes did he spend completing the race?						
9)	During a period of 24 minutes, a music station played 4 minutes of commercials. What is the ratio of music they played to commercials they played?						
10)	At a farm the ratio of cows to horses was 6 : 5. If there were 36 cows at the farm, how many horses were there?						

	Understanding Ratios Name: Ar	ıswe	r Key
Solv	e each problem.		Answers
1)	At a restaurant the ratio of kids meals sold to adult meals sold was 9 : 2. If there were 45 kids meals sold, how many adult meals were sold?	1	10
		2.	26
2)	At a bake sale there were 16 raisin cookies sold. If the ratio of raisin cookies sold to oatmeal cookies sold was 8 : 5, what is the combined amount of raisin and oatmeal cookies	3	10:7
	sold?	4.	7
3)	Victor had 85 dollars. If he spent 35 dollars on new books, what is the ratio of money he still has to money he's spent?	5	56
		6.	7:6
4)	A classroom had 42 glue sticks. If the ratio of glue sticks to glue bottles was 6 : 1, how many glue bottles did the classroom have?	7	15
		8.	99
5)	During a class election the ratio of students who voted for candidate A compared to candidate B was 5 : 3. If candidate A received 35 votes, what is the combined amount of	9.	5:1
	votes candidate A and candidate B received?	10.	30
6)	A restaurant offers diet soda and regular soda. In one day they sold 91 sodas. If 42 of the sodas they sold were diet, what is the ratio of regular sodas sold to diet sodas sold?		
7)	During Christmas a book store sold 50 books. If the ratio of books to bookmarks sold was 10 : 3, how many bookmarks did the store sell?		
8)	While completing a race, Paul spent 72 minutes walking. If his ratio of time walking to jogging was 8 : 3, how many minutes did he spend completing the race?		
9)	During a period of 24 minutes, a music station played 4 minutes of commercials. What is the ratio of music they played to commercials they played?		
10)	At a farm the ratio of cows to horses was 6 : 5. If there were 36 cows at the farm, how many horses were there?		
		11	

		Und	erstanding Rat	tios	Name:		
Solv	e each problem	0.110	88				Answars
		-	20	5 1	10		Answers
	10:7	/:6	30	5:1	10		
	15	26	56	/	99	1. ·	
1)	At a restaurant the ratio of kids meals sold to adult meals sold was 9 : 2. If there were 45 kids meals sold, how many adult meals were sold?						
2)	At a bake sale t oatmeal cookie sold?	here were 16 raisin s sold was 8 : 5, wh	cookies sold. If nat is the combin	the ratio of raisin co ed amount of raisin	ookies sold to and oatmeal cookies	3. 4.	
3)	Victor had 85 d still has to mon	lollars. If he spent 3 ey he's spent?	35 dollars on nev	v books, what is the	ratio of money he	6.	
4)	A classroom ha many glue bott	nd 42 glue sticks. If les did the classroom	the ratio of glue m have?	sticks to glue bottle	s was 6 : 1, how	7. 8.	
5)	During a class of candidate B wa votes candidate	election the ratio of as 5 : 3. If candidate A and candidate B	students who vo A received 35 v received?	oted for candidate A votes, what is the con	compared to mbined amount of	9. 10.	
6)	A restaurant of sodas they sold	fers diet soda and re were diet, what is	egular soda. In o the ratio of regul	ne day they sold 91 ar sodas sold to diet	sodas. If 42 of the sodas sold?		
7)	During Christm 10 : 3, how man	nas a book store sol ny bookmarks did t	d 50 books. If th he store sell?	e ratio of books to b	ookmarks sold was		
8)	While completi jogging was 8 :	ing a race, Paul spending a race, Paul spending 3, how many minu	nt 72 minutes wa ates did he spend	alking. If his ratio of completing the race	time walking to ??		
9)	During a period the ratio of mus	d of 24 minutes, a n sic they played to co	nusic station play ommercials they	yed 4 minutes of cor played?	nmercials. What is		
10)	At a farm the ra many horses we	atio of cows to hors ere there?	es was 6 : 5. If the	here were 36 cows a	t the farm, how		