	Ratios With Tape Diagram Name:	
Solve	e each problem using a tape diagram.	Answers
Ex)	A cable company had 756 subscribers. The ratio of regular subscribers to premium subscribers was 8:4. How many regular subscribers did they have?	Ex. 504
1)	Adam's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,386 shakes total with the ratio of chocolate to vanilla being 5:9. How many chocolate shakes did they sell?	2 3
		4 5
2)	A store had 880 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 9:2. How many diet sodas were there?	
3)	Billy was looking at his streaming music stats. The ratio of songs he liked to disliked was 4:2. If he listened to 228 songs total how many did he like?	
4)	During an local election the ratio of teens to adults who voted was 5:8. If 741 people voted how many were teens?	
5)	At the fair the ratio of male to females was 7:8. If there are 930 people at the fair how many males are there?	
	Math www.CommonCoreSheets.com 1	1-5 80 60 40 20 0

	Ratios With Tape Diagram Name: A	nswer Key
Solve	e each problem using a tape diagram.	Answers
Ex)	A cable company had 756 subscribers. The ratio of regular subscribers to premium subscribers was 8:4. How many regular subscribers did they have? regular premium 756	Ex. <u>504</u> 1. <u>495</u>
		2. 720
1)	Adam's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 1,386 shakes total with the ratio of chocolate to vanilla being 5:9. How many chocolate shakes did they sell?	3. 152 4. 285
	chocolate	5
2)	A store had 880 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 9:2. How many diet sodas were there? diet	
3)	Billy was looking at his streaming music stats. The ratio of songs he liked to disliked was 4:2. If he listened to 228 songs total how many did he like? like	
4)	During an local election the ratio of teens to adults who voted was 5:8. If 741 people voted how many were teens? teens	
5)	At the fair the ratio of male to females was 7:8. If there are 930 people at the fair how many males are there? male	
	Math www.CommonCoreSheets.com 1	1-5 80 60 40 20 0

	Ratios With Tape Diagram Name:	
Solv	e each problem using a tape diagram.	Answers
Ex)	During an local election the ratio of teens to adults who voted was 10:5. If 1,290 people voted how many were teens?	Ex. <u>860</u>
		1 2.
1)	At the fair the ratio of male to females was 5:2. If there are 175 people at the fair how many males are there?	3.
		4 5.
2)	In August, Carol's Clothing Store sold 1,209 shirts with the ratio of short sleeve to long	J
,	sleeve being 5:8. How many short sleeve shirts were sold?	
3)	Cody's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 228 shakes total with the ratio of chocolate to vanilla being 8:4. How many chocolate shakes did they sell?	
4)	A cable company had 208 subscribers. The ratio of regular subscribers to premium subscribers was 9:4. How many regular subscribers did they have?	
5)	A store had 216 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 2:6. How many diet sodas were there?	

	Ratios With Tape Diagram Name: Ar	iswer Key
Solv	e each problem using a tape diagram.	Answers
Ex)	During an local election the ratio of teens to adults who voted was 10:5. If 1,290 people voted how many were teens?	Ex. <u>860</u>
		1. 125
	adults	2. 465
1)	At the fair the ratio of male to females was 5:2. If there are 175 people at the fair how many males are there?	3
	male	4. 144
	female 175	54
		5. <u>54</u>
3)	Sleeve being 5:8. How many short sleeve shirts were sold? short 1,209 long 1,209 Cody's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 228 shakes total with the ratio of chocolate to vanilla being 8:4. How many chocolate shakes did they sell?	
	chocolate 228	
4)	A cable company had 208 subscribers. The ratio of regular subscribers to premium subscribers was 9:4. How many regular subscribers did they have? regular	
5)	A store had 216 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 2:6. How many diet sodas were there? diet	

	Ratios With Tape Diagram Name:	
Solv	e each problem using a tape diagram.	Answers
Ex)	A cable company had 663 subscribers. The ratio of regular subscribers to premium subscribers was 8:9. How many regular subscribers did they have?	Ex. <u>312</u>
		1
1)	John's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 714	2
	shakes total with the ratio of chocolate to vanilla being 10:7. How many chocolate shakes did they sell?	4.
		5
2)	Oliver was looking at his streaming music stats. The ratio of songs he liked to disliked was 7:6. If he listened to 1,079 songs total how many did he like?	
3)	During an local election the ratio of teens to adults who voted was 3:6. If 828 people voted how many were teens?	
4)	At the fair the ratio of male to females was 8:10. If there are 324 people at the fair how many males are there?	
5)	In August, Amy's Clothing Store sold 585 shirts with the ratio of short sleeve to long sleeve being 3:6. How many short sleeve shirts were sold?	

			Rati	ios V	Vith 7	Гаре	Diag	ram				Name:	Aı	ısw	er I	Key
Solve	e each problem us	sing a													Aı	nswers
Ex)	A cable company subscribers was 8										to pre	emium		Ex.		312
	regular]	Ĵ	663				420
	premium] ∫	005		1.		420
														2.		581
1)	John's Ice Cream shakes total with did they sell?													3.		276
	chocolate										רו			4.		144
	vanilla										'	714		5.		195
		LI														
2)	Oliver was lookin was 7:6. If he list like dislike	-		-					-		ked t	o dislike • 1,079	ed			
3)	During an local e	election	n the ra	tio of	f teens	to ad	ults w	ho vo	ted wa	s 3:6. 1	If 828	8 people				
	voted how many	were t	eens?								~					
	teens											828				
	adults										ן ן					
4)	At the fair the rat	tio of n	nale to	fema	les wa	as 8:1(). If th	nere a	re 324	people	e at th	e fair ho	W			
	many males are t male	here?							_		7					
	female										, }	324				
	Tennale										ר נ					
5)	In August, Amy's sleeve being 3:6. short long		-							short s	sleeve	e to long • 585				
	Math	www.	Commo	onCore	eSheets	s.com			3					1-5	80 60	0 40 20 0

	Ratios With Tape Diagram Name:	
Solv	e each problem using a tape diagram.	Answers
Ex)	At the fair the ratio of male to females was 8:10. If there are 774 people at the fair how many males are there?	Ex. <u>344</u>
		1
1)	During an local election the ratio of teens to adults who yoted was 3:4. If 322 people	2
1)	During an local election the ratio of teens to adults who voted was 3:4. If 322 people voted how many were teens?	3. 4.
		5
2)	Victor's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 924 shakes total with the ratio of chocolate to vanilla being 5:6. How many chocolate shakes did they sell?	
3)	A cable company had 585 subscribers. The ratio of regular subscribers to premium subscribers was 7:2. How many regular subscribers did they have?	
4)	A store had 732 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 2:10. How many diet sodas were there?	
5)	Adam was looking at his streaming music stats. The ratio of songs he liked to disliked was 6:7. If he listened to 780 songs total how many did he like?	

	Ratios With Tape Diagram Name: A	1SW	er Key
Solve	e each problem using a tape diagram.		Answers
Ex)	At the fair the ratio of male to females was 8:10. If there are 774 people at the fair how many males are there? male	Ex. 1. 2.	344 138 420
1)	During an local election the ratio of teens to adults who voted was 3:4. If 322 people voted how many were teens? teens	3. 4. 5.	455 122 360
2)	Victor's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 924 shakes total with the ratio of chocolate to vanilla being 5:6. How many chocolate shakes did they sell? chocolate		
3)	A cable company had 585 subscribers. The ratio of regular subscribers to premium subscribers was 7:2. How many regular subscribers did they have? regular regular premium 585		
4) 5)	A store had 732 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 2:10. How many diet sodas were there? diet		
	dislike	1-5	80 60 40 20 0

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	Ratios With Tape Diagram Name:	
Solv	e each problem using a tape diagram.	<u>Answers</u>
Ex)	Roger was looking at his streaming music stats. The ratio of songs he liked to disliked was 2:8. If he listened to 520 songs total how many did he like?	Ex. <u>104</u>
		1
		2
1)	Dave's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 385 shakes total with the ratio of chocolate to vanilla being 7:4. How many chocolate shakes	3
	did they sell?	4
		5
2)	A cable company had 610 subscribers. The ratio of regular subscribers to premium subscribers was 7:3. How many regular subscribers did they have?	
	subscribers was 7.5. now many regular subscribers and mey nave.	
3)	In August, Nancy's Clothing Store sold 330 shirts with the ratio of short sleeve to long sleeve being 6:5. How many short sleeve shirts were sold?	
4)	At the fair the ratio of male to females was 2:6. If there are 248 people at the fair how many males are there?	
_		
5)	During an local election the ratio of teens to adults who voted was 6:8. If 420 people voted how many were teens?	

	Ratios With Tape Diagram Name: An	swer Key
Solv	e each problem using a tape diagram.	Answers
Ex)	Roger was looking at his streaming music stats. The ratio of songs he liked to disliked was 2:8. If he listened to 520 songs total how many did he like?	Ex. <u>104</u>
	dislike	2. 427
1)	Dave's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 385 shakes total with the ratio of chocolate to vanilla being 7:4. How many chocolate shakes did they sell?	3. 180 4. 62
	chocolate vanilla	5. 180
2)	A cable company had 610 subscribers. The ratio of regular subscribers to premium subscribers was 7:3. How many regular subscribers did they have? regular	
3)	In August, Nancy's Clothing Store sold 330 shirts with the ratio of short sleeve to long sleeve being 6:5. How many short sleeve shirts were sold? short	
4)	At the fair the ratio of male to females was 2:6. If there are 248 people at the fair how many males are there? male	
5)	During an local election the ratio of teens to adults who voted was 6:8. If 420 people voted how many were teens? teens	
	Math www.CommonCoreSheets.com 5	1-5 80 60 40 20 0

	Ratios With Tape Diagram Name:	
Solv	e each problem using a tape diagram.	Answers
Ex)	During an local election the ratio of teens to adults who voted was 3:4. If 308 people voted how many were teens?	Ex. <u>132</u>
		1
		2
1)	Victor was looking at his streaming music stats. The ratio of songs he liked to disliked was 6:5. If he listened to 528 songs total how many did he like?	3
		4
		5
2)	A cable company had 418 subscribers. The ratio of regular subscribers to premium subscribers was 10:9. How many regular subscribers did they have?	
3)	At the fair the ratio of male to females was 2:5. If there are 301 people at the fair how	
0)	many males are there?	
4)	In August, Maria's Clothing Store sold 400 shirts with the ratio of short sleeve to long	
	sleeve being 7:9. How many short sleeve shirts were sold?	
5)	A store had 253 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 8:3. How many diet sodas were there?	

	Ratios With Tape Diagram Name: A	nswer Key
Solv	e each problem using a tape diagram.	Answers
Ex)	During an local election the ratio of teens to adults who voted was 3:4. If 308 people voted how many were teens? teens	Ex. <u>132</u> 1. <u>288</u>
		2. 220
1)	Victor was looking at his streaming music stats. The ratio of songs he liked to disliked was 6:5. If he listened to 528 songs total how many did he like?	3. <u>86</u>
	like 528 dislike	4. <u>175</u> 5. <u>184</u>
2)	A cable company had 418 subscribers. The ratio of regular subscribers to premium subscribers was 10:9. How many regular subscribers did they have? regular regular premium 418	
3)	At the fair the ratio of male to females was 2:5. If there are 301 people at the fair how many males are there? male	
4)	In August, Maria's Clothing Store sold 400 shirts with the ratio of short sleeve to long sleeve being 7:9. How many short sleeve shirts were sold? short	
5)	A store had 253 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 8:3. How many diet sodas were there? diet	
	Math www.CommonCoreSheets.com 6	1-5 80 60 40 20 0

	Ratios With Tape Diagram Name:	
Solv	e each problem using a tape diagram.	Answers
Ex)	At the fair the ratio of male to females was 4:9. If there are 533 people at the fair how many males are there?	Ex. <u>164</u>
		1
1)	A cable company had 261 subscribers. The ratio of regular subscribers to premium	2
	subscribers was 6:3. How many regular subscribers did they have?	3. 4.
		5
2)	During an local election the ratio of teens to adults who voted was 8:9. If 1,122 people voted how many were teens?	
3)	In August, Bianca's Clothing Store sold 1,008 shirts with the ratio of short sleeve to long sleeve being 6:10. How many short sleeve shirts were sold?	
	Kaleb's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 645	
	shakes total with the ratio of chocolate to vanilla being 8:7. How many chocolate shakes did they sell?	
5)	A store had 285 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 2:3. How many diet sodas were there?	

	Ratios With Tape Diagram Name: Ar	iswer Key
Solve	e each problem using a tape diagram.	Answers
Ex)	At the fair the ratio of male to females was 4:9. If there are 533 people at the fair how many males are there? male	Ex. <u>164</u> 1. <u>174</u> 2. <u>528</u>
1)	A cable company had 261 subscribers. The ratio of regular subscribers to premium subscribers was 6:3. How many regular subscribers did they have? regular regular premium 261	3. 378 4. 344 5. 114
2)	During an local election the ratio of teens to adults who voted was 8:9. If 1,122 people voted how many were teens? teens	
3)	In August, Bianca's Clothing Store sold 1,008 shirts with the ratio of short sleeve to long sleeve being 6:10. How many short sleeve shirts were sold? short	
4) 5)	Kaleb's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 645 shakes total with the ratio of chocolate to vanilla being 8:7. How many chocolate shakes did they sell? chocolate	
	regular 5203 Math www.CommonCoreSheets.com 7	1-5 80 60 40 20 0

	Ratios With Tape Diagram Name:	
Solv	e each problem using a tape diagram.	Answers
	Luke was looking at his streaming music stats. The ratio of songs he liked to disliked was 4:7. If he listened to 627 songs total how many did he like?	Ex. 228
1)	In August, Janet's Clothing Store sold 663 shirts with the ratio of short sleeve to long sleeve being 10:3. How many short sleeve shirts were sold?	1.
2)	A cable company had 160 subscribers. The ratio of regular subscribers to premium subscribers was 4:6. How many regular subscribers did they have?	4 5
3)	Oliver's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 570 shakes total with the ratio of chocolate to vanilla being 7:8. How many chocolate shakes did they sell?	
4)	A store had 1,080 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 7:5. How many diet sodas were there?	
5)	During an local election the ratio of teens to adults who voted was 4:5. If 234 people voted how many were teens?	

	Ratios With Tape Diagram Name: Ar	nswer Key
Solv	e each problem using a tape diagram.	Answers
Ex)	Luke was looking at his streaming music stats. The ratio of songs he liked to disliked was 4:7. If he listened to 627 songs total how many did he like? like	Ex. 228 1. 510
1)	In August, Janet's Clothing Store sold 663 shirts with the ratio of short sleeve to long sleeve being 10:3. How many short sleeve shirts were sold? short	2. 64 3. 266 4. 630 5. 104
2)	A cable company had 160 subscribers. The ratio of regular subscribers to premium subscribers was 4:6. How many regular subscribers did they have? regular	
3)	Oliver's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 570 shakes total with the ratio of chocolate to vanilla being 7:8. How many chocolate shakes did they sell? chocolate chocolate chocolate chocolate chocolate chocolate chocolate shakes chocolate choco	
4) 5)	A store had 1,080 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 7:5. How many diet sodas were there? diet	
	adults 234 Math www.CommonCoreSheets.com 8	1-5 80 60 40 20 0

	Ratios With Tape Diagram Name:	
Solv	e each problem using a tape diagram.	Answers
Ex)	In August, Haley's Clothing Store sold 870 shirts with the ratio of short sleeve to long sleeve being 10:5. How many short sleeve shirts were sold?	Ex. 580
		1
1)	A store had 552 sodas, both diet and regular. The ratio of diet sodas to regular sodas was	2 3
	2:4. How many diet sodas were there?	4
		5
2)	At the fair the ratio of male to females was 9:4. If there are 689 people at the fair how many males are there?	
3)	A cable company had 90 subscribers. The ratio of regular subscribers to premium subscribers was 7:2. How many regular subscribers did they have?	
4)	During an local election the ratio of teens to adults who voted was 9:7. If 1,040 people voted how many were teens?	
5)	George's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 336 shakes total with the ratio of chocolate to vanilla being 4:2. How many chocolate shakes did they sell?	

	Ratios With Tape Diagram Name: Ar	iswer Key
Solv	e each problem using a tape diagram.	Answers
Ex)	In August, Haley's Clothing Store sold 870 shirts with the ratio of short sleeve to long sleeve being 10:5. How many short sleeve shirts were sold? short long 870	Ex. 580 1. 184 2. 477
1)	A store had 552 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 2:4. How many diet sodas were there? diet	3. 70 4. 585 5. 224
2)	At the fair the ratio of male to females was 9:4. If there are 689 people at the fair how many males are there? male	
3)	A cable company had 90 subscribers. The ratio of regular subscribers to premium subscribers was 7:2. How many regular subscribers did they have? regular regular gremium 90	
4)	During an local election the ratio of teens to adults who voted was 9:7. If 1,040 people voted how many were teens? teens adults 1,040	
5)	George's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 336 shakes total with the ratio of chocolate to vanilla being 4:2. How many chocolate shakes did they sell? chocolate	1-5 80 60 40 20 0
	Math www.CommonCoreSheets.com 9	1-5 80 60 40

	Ratios With Tape Diagram Name:	
Solv	e each problem using a tape diagram.	Answers
Ex)	A store had 180 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 4:6. How many diet sodas were there?	Ex. 72
		1
		2
1)	During an local election the ratio of teens to adults who voted was 9:4. If 1,131 people voted how many were teens?	3
		4 5
2)	Jerry's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 357	
2)	shakes total with the ratio of chocolate to vanilla being 5:2. How many chocolate shakes did they sell?	
3)	At the fair the ratio of male to females was 7:3. If there are 340 people at the fair how many males are there?	
4)	A cable company had 870 subscribers. The ratio of regular subscribers to premium subscribers was 4:6. How many regular subscribers did they have?	
5)	In August, Emily's Clothing Store sold 1,125 shirts with the ratio of short sleeve to long	
-,	sleeve being 5:10. How many short sleeve shirts were sold?	

	Ratios With Tape Diagram Name: A	nswer Key
Solv	e each problem using a tape diagram.	Answers
Ex)	A store had 180 sodas, both diet and regular. The ratio of diet sodas to regular sodas was 4:6. How many diet sodas were there? diet	Ex. <u>72</u> 1. <u>783</u>
1)	During an local election the ratio of teens to adults who voted was 9:4. If 1,131 people voted how many were teens? teens	2. 255 3. 238 4. 348 5. 375
2)	Jerry's Ice Cream Hut had Chocolate or Vanilla shakes. On the 4th of July they sold 357 shakes total with the ratio of chocolate to vanilla being 5:2. How many chocolate shakes did they sell? chocolate chocolate chocolate chocolate chocolate chocolate shakes are chocolate ch	
3)	At the fair the ratio of male to females was 7:3. If there are 340 people at the fair how many males are there? male	
4)	A cable company had 870 subscribers. The ratio of regular subscribers to premium subscribers was 4:6. How many regular subscribers did they have? regular premium	
5)	In August, Emily's Clothing Store sold 1,125 shirts with the ratio of short sleeve to long sleeve being 5:10. How many short sleeve shirts were sold? short	
	Math www.CommonCoreSheets.com 10	1-5 80 60 40 20 0