Jse	division to solve each problem.	Answers
	A librarian had to pack thirteen books into boxes. If each	
-)	box can hold two books, how many boxes did she need?	
		1
		2.
2)	A container can hold five orange slices. If a company had	
	seventeen orange slices to put into containers, how many	3.
	more slices would they need to fill up the last container?	
		4.
3)	Olivia wanted to drink exactly nine bottles of water each	
	day, so she bought sixty-two bottles when they were on	5.
	sale. How many more bottles will she need to buy on the	
	last day?	6.
4)	A coat factory had seventeen coats. If they wanted to put	
	them into five boxes, with the same number of coats in	7.
	each box, how many extra coats would they have left over?	
		8.
5)	A builder needed to buy nineteen boards for his latest	
	project. If the boards he needs come in packs of six, how many packages will he need to buy?	9
	many packages will lie lieed to buy:	
		10
6)	Isabel is making bead necklaces. She wants to use twenty- three beads to make seven necklaces. If she wants each	
	necklace to have the same number of beads, how many	
	beads will she have left over?	
7)	A box of cupcakes cost \$two. If you had seventeen dollars	
,	and bought as many boxes as you could, how much money	
	would you have left?	
8)	Each house a carpenter builds needs six sinks. If he bought	
,	twenty-nine sinks, how many houses would that cover?	
9)	A flash drive could hold seven gigs of data. If you needed	
	to store thirty-nine gigs, how many flash drive would you	
	need?	
0)	A recycling company had ten pounds of material to sort. To	
	make it easier they split them into boxes with each full box having four pounds, how many full boxes did they have?	
	having four pounds, how many full boxes did they have?	

	Division with Remainder (1 Digit Quotie	nt) Name:	Answer Key
Use	division to solve each problem.	/	Answers
1)	A librarian had to pack thirteen books into boxes. If each box can hold two books, how many boxes did she need?	$13 \div 2 = 6 r1$	1. 7
2)	A container can hold five even as cliess. If a common had	$17 \div 5 = 3 r^2$	23
2)	A container can hold five orange slices. If a company had seventeen orange slices to put into containers, how many more slices would they need to fill up the last container?	17 - 5 = 512	3
3)	Olivia wanted to drink exactly nine bottles of water each day, so she bought sixty-two bottles when they were on	$62 \div 9 = 6 \text{ r8}$	4. <u>2</u>
	sale. How many more bottles will she need to buy on the last day?		5. <u>4</u> 6. <u>2</u>
4)	A coat factory had seventeen coats. If they wanted to put them into five boxes, with the same number of coats in each box, how many extra coats would they have left over?	$17 \div 5 = 3 \text{ r}2$	7
5)	A builder needed to buy nineteen boards for his latest project. If the boards he needs come in packs of six, how many packages will he need to buy?	$19 \div 6 = 3 r1$	8. <u>4</u> 9. <u>6</u>
6)	Isabel is making bead necklaces. She wants to use twenty- three beads to make seven necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	$23 \div 7 = 3 r^2$	10
7)	A box of cupcakes cost \$two. If you had seventeen dollars and bought as many boxes as you could, how much money would you have left?	$17 \div 2 = 8 r1$	
8)	Each house a carpenter builds needs six sinks. If he bought twenty-nine sinks, how many houses would that cover?	$29 \div 6 = 4 \text{ r5}$	
9)	A flash drive could hold seven gigs of data. If you needed to store thirty-nine gigs, how many flash drive would you need?	$39 \div 7 = 5 \text{ r4}$	
10)	A recycling company had ten pounds of material to sort. To make it easier they split them into boxes with each full box having four pounds, how many full boxes did they have?	$10 \div 4 = 2 \text{ r}2$	

www.CommonCoreSheets.com

Math

1-10 90 80 70 60 50 40 30 20 10 0

		Division with Ren	nainder (1 Digit	Quotient)	Name:	
Use		ve each problem.				Answers
	7	1	1	3	6	1
	4	2	4	2	2	2.
						3.
1)	A librarian had many boxes di	-	ooks into boxes. If e	ach box can hold ty	wo books, how	4
2)			slices. If a company lices would they new			5. 6.
3)		•	e bottles of water ea ow many more bott	•	•	7. 8.
4)	•		s. If they wanted to , how many extra co	-		9
5)		•	boards for his latest es will he need to b	1 5	ds he needs come	10
6)		ne wants each neckl	She wants to use two ace to have the sam	•		
7)	-	akes cost \$two. If ye w much money wou	ou had seventeen do ld you have left?	ollars and bought as	s many boxes as	
8)	Each house a c houses would t					
9)		ould hold seven gig ve would you need?	gs of data. If you nee	eded to store thirty-	-nine gigs, how	
10)	• •		nds of material to so ng four pounds, how		• •	
					· · · · · · · · · · · · · · · · · · ·	

	Division with Remainder (1 Digit Quotient) Name:	
Use	division to solve each problem.	Answers
	A school had forty-eight students sign up for the trivia teams. If they wanted to have nine team, with the same number of students on each team, how many more students would need to sign up?	1.
2)	A machine in a candy company creates fifty-three pieces of candy a minute. If a small box of candy has seven pieces in it how many full boxes does the machine make in a minute?	3
3)	A movie store had twenty-two movies they were putting on four shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	4. 5.
4)	A recycling company had sixty-nine pounds of material to sort. To make it easier they split them into boxes with each full box having seven pounds, how many full boxes did they have?	6 7
5)	Luke was trying to beat his old score of seventeen points in a video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old score?	8. 9.
6)	Isabel received sixteen dollars for her birthday. Later she found some toys that cost five dollars each. How much money would she have left if she bought as many as she could?	10
7)	George had seventeen baseball cards he's putting into a binder with two on each page. How many cards will he have on the page that isn't full?	
8)	A food company has seventeen kilograms of food to put into boxes. If each box gets exactly two kilograms, how many full boxes will they have?	
9)	A flash drive could hold eight gigs of data. If you needed to store thirty-five gigs, how many flash drive would you need?	
10)	Ned is trying to earn forty-four dollars for some new toys. If he charges five dollars to mow a lawn, how many lawns will he need to mow to earn the money?	

	_		
	Division with Remainder (1 Digit Quotie	ent) Name:	Answer Key
	division to solve each problem.		Answers
1)	A school had forty-eight students sign up for the trivia teams. If they wanted to have nine team, with the same number of students on each team, how many more students	$48 \div 9 = 5 \text{ r}3$	1. <u>6</u>
	would need to sign up?		2. 7
2)	A machine in a candy company creates fifty-three pieces of candy a minute. If a small box of candy has seven pieces in it how many full boxes does the machine make in a minute?	$53 \div 7 = 7 \text{ r4}$	3. 2
3)	A movie store had twenty-two movies they were putting on four shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	$22 \div 4 = 5 r^2$	4. <u>9</u> 5. <u>9</u>
4)	A recycling company had sixty-nine pounds of material to sort. To make it easier they split them into boxes with each full box having seven pounds, how many full boxes did they have?	69 ÷ 7 = 9 r6	6. <u>1</u> 7. <u>1</u>
5)	Luke was trying to beat his old score of seventeen points in a video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old score?	$17 \div 2 = 8 r1$	8. <u>0</u> 9. <u>5</u>
6)	Isabel received sixteen dollars for her birthday. Later she found some toys that cost five dollars each. How much money would she have left if she bought as many as she could?	$16 \div 5 = 3 r1$	10.
7)	George had seventeen baseball cards he's putting into a binder with two on each page. How many cards will he have on the page that isn't full?	$17 \div 2 = 8 r1$	
8)	A food company has seventeen kilograms of food to put into boxes. If each box gets exactly two kilograms, how many full boxes will they have?	$17 \div 2 = 8 r1$	
9)	A flash drive could hold eight gigs of data. If you needed to store thirty-five gigs, how many flash drive would you need?	$35 \div 8 = 4 \text{ r}3$	
10)	Ned is trying to earn forty-four dollars for some new toys. If he charges five dollars to mow a lawn, how many lawns will he need to mow to earn the money?	$44 \div 5 = 8 \text{ r4}$	

www.CommonCoreSheets.com

	Division with Ren	nainder (1 Digit	Quotient)	Name:		
Use division to	solve each problem.					Answers
5	8	9	2	9	1.	
7	6	1	9	1	2.	

- 1) A school had forty-eight students sign up for the trivia teams. If they wanted to have nine team, with the same number of students on each team, how many more students would need to sign up?
- 2) A machine in a candy company creates fifty-three pieces of candy a minute. If a small box of candy has seven pieces in it how many full boxes does the machine make in a minute?
- 3) A movie store had twenty-two movies they were putting on four shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 4) A recycling company had sixty-nine pounds of material to sort. To make it easier they split them into boxes with each full box having seven pounds, how many full boxes did they have?
- 5) Luke was trying to beat his old score of seventeen points in a video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old score?
- 6) Isabel received sixteen dollars for her birthday. Later she found some toys that cost five dollars each. How much money would she have left if she bought as many as she could?
- 7) George had seventeen baseball cards he's putting into a binder with two on each page. How many cards will he have on the page that isn't full?
- 8) A food company has seventeen kilograms of food to put into boxes. If each box gets exactly two kilograms, how many full boxes will they have?
- **9)** A flash drive could hold eight gigs of data. If you needed to store thirty-five gigs, how many flash drive would you need?
- **10)** Ned is trying to earn forty-four dollars for some new toys. If he charges five dollars to mow a lawn, how many lawns will he need to mow to earn the money?

3.

10.

Jse	division to solve each problem.	Answers
1)	Henry's dad bought forty-five meters of string. If he wanted to cut the string into pieces with each piece being seven meters long, how many full sized pieces could he make?	1
2)	A container can hold four orange slices. If a company had twenty-one orange slices to put into containers, how many more slices would they need to fill up the last container?	2
3)	A pizza store had fifty-two pieces of pepperoni to put on their pizzas. If each pizza got nine pieces, how many extra pieces of pepperoni would they have?	4. 5.
4)	A recycling company had seventy-four pounds of material to sort. To make it easier they split them into boxes with each full box having eight pounds, how many full boxes did they have?	6 7
5)	At the carnival, six friends bought thirty-seven tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?	8 9
6)	A school had twenty-five students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?	10
7)	A librarian had to pack sixteen books into boxes. If each box can hold three books, how many boxes did she need?	
8)	Faye received thirty-nine dollars for her birthday. Later she found some toys that cost four dollars each. How much money would she have left if she bought as many as she could?	
9)	Billy was trying to beat his old score of twenty-three points in a video game. If he scores exactly three points each round, how many rounds would he need to play to beat his old score?	
0)	A new video game console needs seven computer chips. If a machine can create twenty computer chips a day, how many video game consoles can be created in a day?	

	Division with Remainder (1 Digit Quotie	nt) Name:	Answer Key
Use	division to solve each problem.		Answers
1)	Henry's dad bought forty-five meters of string. If he wanted to cut the string into pieces with each piece being seven meters long, how many full sized pieces could he make?	$45 \div 7 = 6 \text{ r}3$	16
			2. 3
2)	A container can hold four orange slices. If a company had twenty-one orange slices to put into containers, how many more slices would they need to fill up the last container?	$21 \div 4 = 5 r1$	37
3)	A pizza store had fifty-two pieces of pepperoni to put on	$52 \div 9 = 5 \text{ r7}$	4. 9
	their pizzas. If each pizza got nine pieces, how many extra pieces of pepperoni would they have?		55
4)	A recycling company had seventy-four pounds of material to sort. To make it easier they split them into boxes with	$74 \div 8 = 9 \text{ r}2$	6. <u>2</u> 7. <u>6</u>
	each full box having eight pounds, how many full boxes did they have?		2
5)	At the carnival, six friends bought thirty-seven tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to	$37 \div 6 = 6 r1$	8 98
	buy?		10. 2
6)	A school had twenty-five students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?	$25 \div 3 = 8 \text{ r1}$	
7)	A librarian had to pack sixteen books into boxes. If each box can hold three books, how many boxes did she need?	$16 \div 3 = 5 r1$	
8)	Faye received thirty-nine dollars for her birthday. Later she found some toys that cost four dollars each. How much money would she have left if she bought as many as she could?	$39 \div 4 = 9 \text{ r}3$	
9)	Billy was trying to beat his old score of twenty-three points in a video game. If he scores exactly three points each round, how many rounds would he need to play to beat his old score?	$23 \div 3 = 7 r^2$	
10)	A new video game console needs seven computer chips. If a machine can create twenty computer chips a day, how many video game consoles can be created in a day?	$20 \div 7 = 2 \text{ r6}$	

Math

www.CommonCoreSheets.com

		vivision with Rer	nainder (1 Digit	Quotient)	Name:	
Jse		Answers				
	3	2	2	9	7	1
	6	8	6	5	3	
-						2
						3
1)	•	•	ers of string. If he v g, how many full si		ring into pieces with e make?	4
7)	A container cou	hold four orange	lices. If a company	had twanty one or	range aligns to put	5
2)		_	slices. If a company lices would they nee	-		6
3)					each pizza got nine	7
	pieces, now ma	iny extra pieces of	pepperoni would the	ey have?		8
4)	• •	1	-four pounds of mat Il box having eight		ake it easier they full boxes did they	9
-					1. 11.1 1 .	10
5)		-	thirty-seven tickets at, how many more	•	-	
6)	A school had tw team, with the to sign up?					
7)	A librarian had many boxes die	-	oks into boxes. If ea	ach box can hold th	ree books, how	
8)	-	•	or her birthday. Lat ould she have left if		•	
9)	• •	-	ore of twenty-three gow many rounds wo			
0)	-		seven computer chi video game console	-	•	

	Division with Remainder (1 Digit Quotient) Name:	
Use	division to solve each problem.	Answers
1)	A vat of orange juice was fifty-five pints. If you wanted to pour the vat into seven glasses with the same amount in each glass, how many pints would be in each glass?	1
2)	Each house a carpenter builds needs nine sinks. If he bought thirty-two sinks, how many houses would that cover?	2 3
3)	A recycling company had five pounds of material to sort. To make it easier they split them into boxes with each full box having two pounds, how many full boxes did they have?	4. 5.
4)	Jerry wanted to give each of his two friends an equal amount of candy. At the store he bought seven pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	6 7
5)	Luke bought thirty-two pieces of candy to give to nine of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?	8 9
6)	A baker had six boxes for donuts. He ended up making forty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	10
7)	An airline has fifty-three pieces of luggage to put away. If each luggage compartment will hold seven pieces of luggage, how many will be in the compartment that isn't full?	
8)	John had thirty-eight pieces of candy. If he wants to split the candy into four bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?	
9)	A flash drive could hold nine gigs of data. If you needed to store sixty-eight gigs, how many flash drive would you need?	
10)	It takes nine apples to make an apple pie. If a chef bought eighty-five apples, the last pie would need how many more apples?	

	Division with Remainder (1 Digit Quotie	ent) Name:	Answer Key
Use	division to solve each problem.	() () () () () () () () () () () () () (Answers
1)	A vat of orange juice was fifty-five pints. If you wanted to pour the vat into seven glasses with the same amount in each glass, how many pints would be in each glass?	$55 \div 7 = 7 \text{ r6}$	17
2)	Each house a carpenter builds needs nine sinks. If he	$32 \div 9 = 3 r5$	23
2)	bought thirty-two sinks, how many houses would that cover?	52 - 7 - 515	3
3)	A recycling company had five pounds of material to sort. To make it easier they split them into boxes with each full box having two pounds, how many full boxes did they have?	$5 \div 2 = 2 r1$	4. <u>1</u> 5. <u>5</u>
4)	Jerry wanted to give each of his two friends an equal amount of candy. At the store he bought seven pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	$7 \div 2 = 3 r1$	6. <u>5</u> 7. <u>4</u>
5)	Luke bought thirty-two pieces of candy to give to nine of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?	$32 \div 9 = 3 \text{ r5}$	8. <u>2</u> 9. <u>8</u>
6)	A baker had six boxes for donuts. He ended up making forty-seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	$47 \div 6 = 7 \text{ r5}$	10
7)	An airline has fifty-three pieces of luggage to put away. If each luggage compartment will hold seven pieces of luggage, how many will be in the compartment that isn't full?	$53 \div 7 = 7 \text{ r4}$	
8)	John had thirty-eight pieces of candy. If he wants to split the candy into four bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?	$38 \div 4 = 9 \text{ r}2$	
9)	A flash drive could hold nine gigs of data. If you needed to store sixty-eight gigs, how many flash drive would you need?	$68 \div 9 = 7 \text{ r5}$	
10)	It takes nine apples to make an apple pie. If a chef bought eighty-five apples, the last pie would need how many more apples?	$85 \div 9 = 9 \text{ r4}$	

		Division with Rer	nainder (1 Digit	Ouotient)	Name:			
Use		ve each problem.				Answers		
\int	1	4	7	2	8	1		
	5	5	5	2	3	1		
						2		
						3		
1)	-	•	e pints. If you wante s, how many pints v	-	-	4		
2)	Each house a c	arpantar huilda naa	ds nine sinks. If he l	angle thirty two	inka how mony	5		
2)	houses would t	-	us inne sinks. If he t	Jought unity-two s.	niks, now many	6		
3)	• •	1 1 1	inds of material to s ng two pounds, how		• 1	7		
				,		8		
4)	•	pieces total to give t	vo friends an equal a o them. He many m	•		9		
5)	Luke bought th	nirty-two pieces of c	candy to give to nine many pieces would		-	10		
6)			He ended up makin low many extra don					
7)	An airline has fifty-three pieces of luggage to put away. If each luggage compartment will hold seven pieces of luggage, how many will be in the compartment that isn't full?							
8)) John had thirty-eight pieces of candy. If he wants to split the candy into four bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?							
9)	A flash drive c flash drive wou		of data. If you need	led to store sixty-ei	ght gigs, how many			
10)	-	pples to make an app w many more apple	ple pie. If a chef bou es?	ight eighty-five app	ples, the last pie			

	Division with Remainder (1 Digit Quotient) Name:	
Use	division to solve each problem.	<u>Answers</u>
1)	A builder needed to buy twenty-eight boards for his latest project. If the boards he needs come in packs of three, how many packages will he need to buy?	1
2)	Amy had thirteen photos to put into a photo album. If each page holds two photos, how many full pages will she have?	2.
3)	Kaleb had fifty-five pieces of candy. If he wants to split the candy into six bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?	4. 5.
4)	A clown needed forty-four balloons for a party he was going to, but the balloons only came in packs of six. How many packs of balloons would he need to buy?	6. 7.
5)	A cafeteria was putting milk cartons into stacks. They had sixty cartons and were putting them into stacks with eight cartons in each stack. How many full stacks could they make?	8. 9.
6)	Frank has to sell thirty-eight chocolate bars to win a trip. If each box contains eight chocolate bars, how many boxes will he need to sell to win the trip?	10
7)	The roller coaster at the state fair costs five tickets per ride. If you had thirty-seven tickets, how many tickets would you have left if you rode it as many times as you could?	
8)	A post office has fourteen pieces of junk mail they want to split evenly between six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?	
9)	A coat factory had eight coats. If they wanted to put them into three boxes, with the same number of coats in each box, how many extra coats would they have left over?	
10)	Haley had fifty-four pennies. She wanted to place the pennies into seven stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?	
_		

	Division with Romaindan (1 Digit Quatia	ent) Name:	Answer Key
Use	Division with Remainder (1 Digit Quotie division to solve each problem.	filt) Ivanic.	
	A builder needed to buy twenty-eight boards for his latest project. If the boards he needs come in packs of three, how many packages will he need to buy?	$28 \div 3 = 9 r1$	<u>Answers</u> 1. <u>10</u>
2)	Amy had thirteen photos to put into a photo album. If each page holds two photos, how many full pages will she have?	$13 \div 2 = 6 r1$	2. <u>6</u> 3. <u>5</u>
3)	Kaleb had fifty-five pieces of candy. If he wants to split the candy into six bags with the same amount of candy in each bag, how many more pieces would he need to make sure	$55 \div 6 = 9 r1$	4. <u>8</u> 5. <u>7</u>
4)	each bag had the same amount? A clown needed forty-four balloons for a party he was going to, but the balloons only came in packs of six. How many packs of balloons would he need to buy?	$44 \div 6 = 7 \text{ r}2$	6. <u>5</u> 7. <u>2</u>
5)	A cafeteria was putting milk cartons into stacks. They had sixty cartons and were putting them into stacks with eight cartons in each stack. How many full stacks could they make?	$60 \div 8 = 7 \text{ r4}$	8. <u>2</u> 9. <u>2</u>
6)	Frank has to sell thirty-eight chocolate bars to win a trip. If each box contains eight chocolate bars, how many boxes will he need to sell to win the trip?	$38 \div 8 = 4 \text{ r6}$	10
7)	The roller coaster at the state fair costs five tickets per ride. If you had thirty-seven tickets, how many tickets would you have left if you rode it as many times as you could?	$37 \div 5 = 7 \text{ r}2$	
8)	A post office has fourteen pieces of junk mail they want to split evenly between six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?	$14 \div 6 = 2 r2$	
9)	A coat factory had eight coats. If they wanted to put them into three boxes, with the same number of coats in each box, how many extra coats would they have left over?	$8 \div 3 = 2 r2$	
10)	Haley had fifty-four pennies. She wanted to place the pennies into seven stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?	$54 \div 7 = 7 r5$	

1-10 90 80 70 60 50 40 30 20 10 0

		ivision with Re	mainder (1 Digit	Ouotient)	Name:	
Use		e each problem.				<u>Answers</u>
	10	2	6	5	7	1
	2	2	8	5	2	···
						2
1)		• •	ight boards for his la v packages will he n	1 0	boards he needs	3. 4.
2)	Amy had thirted many full pages		to a photo album. If	each page holds tv	vo photos, how	5. 6.
3)	same amount of	-	dy. If he wants to sp g, how many more p	•	-	7. 8.
4)		•	ns for a party he was of balloons would h		calloons only came	9
5)		1 0	ns into stacks. They s in each stack. Hov	•	1 0	10
6)			olate bars to win a the sell to sell to	-	atains eight	
7)			costs five tickets per e left if you rode it a	•	-	
8)	A post office hat trucks. How mathematical amount?	between six mail ach truck the same				
9)	•	•	hey wanted to put the many extra coats w			
10)	• •	each stack. How	wanted to place the many more pennies	-		
					1 10 00 20 70 60	

	Division with Remainder (1 Digit Quotient) Name:	
	division to solve each problem.	Answers
1)	At the carnival, four friends bought thirty-five tickets. If	
	they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to	1
	buy?	
		2
2)	Tom was trying to beat his old score of nineteen points in a	
	video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old	3
	score?	
		4
3)	It takes nine apples to make an apple pie. If a chef bought	
	thirty-seven apples, the last pie would need how many	5
	more apples?	
		6.
4)	A school had eleven students sign up for the trivia teams. If	
	they wanted to have two team, with the same number of	7
	students on each team, how many more students would need to sign up?	
	liced to sign up.	8
5)	A builder needed to buy seventeen boards for his latest	
	project. If the boards he needs come in packs of two, how	9.
	many packages will he need to buy?	
		10
6)	A food company has twenty-nine kilograms of food to put	
	into boxes. If each box gets exactly five kilograms, how many full boxes will they have?	
	many run boxes will they have?	
7)	A cafeteria was putting milk cartons into stacks. They had fifty-two cartons and were putting them into stacks with	
	seven cartons in each stack. How many full stacks could	
	they make?	
Q)	A clown needed five holloons for a party he was asing to	
ð)	A clown needed five balloons for a party he was going to, but the balloons only came in packs of two. How many	
	packs of balloons would he need to buy?	
0)	The roller coaster at the state fair costs five tickets per ride.	
)	If you had twenty-three tickets, how many tickets would	
	you have left if you rode it as many times as you could?	
0)	A pizza store had fifty-two pieces of pepperoni to put on	
,	their pizzas. If each pizza got seven pieces, how many extra	
	pieces of pepperoni would they have?	

	Division with Remainder (1 Digit Quotie	nt) Name	e: Answer Key	
Use	division to solve each problem.		Answ	ers
1)	At the carnival, four friends bought thirty-five tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to	$35 \div 4 = 8 \text{ r}3$	11	
	buy?		2. 10	
2)	Tom was trying to beat his old score of nineteen points in a video game. If he scores exactly two points each round, how many rounds would he need to play to beat his old score?	$19 \div 2 = 9 r1$	3. 8	
3)	It takes nine apples to make an apple pie. If a chef bought thirty-seven apples, the last pie would need how many more apples?	$37 \div 9 = 4 r1$	4. <u>1</u> 5. <u>9</u>	
			5	
4)	A school had eleven students sign up for the trivia teams. If they wanted to have two team, with the same number of students on each team, how many more students would need to sign up?	$11 \div 2 = 5 r1$	6. <u> </u>	
			83	
project. If the	A builder needed to buy seventeen boards for his latest project. If the boards he needs come in packs of two, how many packages will he need to buy?	$17 \div 2 = 8 r1$	93	
6)	A food company has twenty-nine kilograms of food to put into boxes. If each box gets exactly five kilograms, how many full boxes will they have?	$29 \div 5 = 5 \text{ r4}$	103	
7)	A cafeteria was putting milk cartons into stacks. They had fifty-two cartons and were putting them into stacks with seven cartons in each stack. How many full stacks could they make?	52 ÷ 7 = 7 r3		
8)	A clown needed five balloons for a party he was going to, but the balloons only came in packs of two. How many packs of balloons would he need to buy?	$5 \div 2 = 2 r 1$		
9)	The roller coaster at the state fair costs five tickets per ride. If you had twenty-three tickets, how many tickets would you have left if you rode it as many times as you could?	$23 \div 5 = 4 \text{ r}3$		
10)	A pizza store had fifty-two pieces of pepperoni to put on their pizzas. If each pizza got seven pieces, how many extra pieces of pepperoni would they have?	$52 \div 7 = 7 r3$		

Math

		Division with Ren	nainder (1 Digit	Ouotient)	Name:	
se	division to solv		Answers			
	7	3	1	1	8	1.
	9	3	5	10	3	2
_						2
l)		, four friends bough got the same amoun	•	•	• II	3 4 5.
3)		g to beat his old sco h round, how many	-	-	If he scores exactly his old score?	6
3)	-	pples to make an app w many more apple	-	ught thirty-seven aj	oples, the last pie	7
I)		leven students sign number of students				9
5)		ed to buy seventeen o, how many packag		1 0	ards he needs come	10
5)	A food compar exactly five kil	each box gets				
7)	A cafeteria was putting them in make?	ons and were l stacks could they				
8)	A clown neede packs of two. H	ns only came in				
))		ter at the state fair c ets would you have	-	•	•	
))	-	ad fifty-two pieces low many extra piec		-	each pizza got	

	Division with Remainder (1 Digit Quotient) Name:	11
Use	division to solve each problem.	<u>Answers</u>
1)	Each house a carpenter builds needs six sinks. If he bought	
	fifty-eight sinks, how many houses would that cover?	1.
		2.
2)	A botanist picked nine flowers. She wanted to put them	2
,	into two bouquets with the same number of flowers in each.	
	How many more should she pick so she doesn't have any	3
	extra?	
•		4
3)	An airline has seventy-eight pieces of luggage to put away.	
	If each luggage compartment will hold eight pieces of luggage, how many will be in the compartment that isn't	5
	full?	
		6.
4)	A movie theater needed twenty-seven popcorn buckets. If	
	each package has four buckets in it, how many packages	
	will they need to buy?	7
5)	A huilden nooded te huu thirte one heerde fer hie letest	8
5)	A builder needed to buy thirty-one boards for his latest	
	project. If the boards he needs come in packs of four, how many packages will he need to buy?	9
	many packages will lie lied to buy?	
		10.
6)	Isabel is making bead necklaces. She wants to use thirty-	10.
	eight beads to make four necklaces. If she wants each	
	necklace to have the same number of beads, how many	
	beads will she have left over?	
7)	A truck can hold seven hoves. If you needed to move	
7)	A truck can hold seven boxes. If you needed to move thirty-seven boxes across town, how many trips would you	
	need to make?	
8)	John's dad bought thirty-three meters of string. If he wanted	
	to cut the string into pieces with each piece being eight	
	meters long, how many full sized pieces could he make?	
9)	At the carnival, nine friends bought thirty-three tickets. If	
•)	they wanted to split all the tickets so each friend got the	
	same amount, how many more tickets would they need to	
	buy?	
	•	
10)	A post office has twenty-three pieces of junk mail they	
	want to split evenly between six mail trucks. How many	
	extra pieces of junk mail will they have if they give each	
	truck the same amount?	
		60 50 40 30 20 10 0

	_		A T 7
	Division with Remainder (1 Digit Quotie	nt) Name:	Answer Key
	division to solve each problem.	5 0 6 0 4	<u>Answers</u>
1)	Each house a carpenter builds needs six sinks. If he bought fifty-eight sinks, how many houses would that cover?	$58 \div 6 = 9 \text{ r4}$	1. 9
			21
2)	A botanist picked nine flowers. She wanted to put them into two bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?	$9 \div 2 = 4 r1$	3. <u>6</u>
3)	An airline has seventy-eight pieces of luggage to put away. If each luggage compartment will hold eight pieces of luggage, how many will be in the compartment that isn't full?	78 ÷ 8 = 9 r6	4 5 22
4)	A movie theater needed twenty-seven popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?	$27 \div 4 = 6 \text{ r}3$	6. <u>2</u> 7. <u>6</u>
5)	A builder needed to buy thirty-one boards for his latest project. If the boards he needs come in packs of four, how many packages will he need to buy?	$31 \div 4 = 7 \text{ r}3$	8. <u>4</u> 9. <u>3</u>
6)	Isabel is making bead necklaces. She wants to use thirty- eight beads to make four necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	$38 \div 4 = 9 \text{ r}2$	10
7)	A truck can hold seven boxes. If you needed to move thirty-seven boxes across town, how many trips would you need to make?	$37 \div 7 = 5 r^2$	
8)	John's dad bought thirty-three meters of string. If he wanted to cut the string into pieces with each piece being eight meters long, how many full sized pieces could he make?	$33 \div 8 = 4 r1$	
9)	At the carnival, nine friends bought thirty-three tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?	$33 \div 9 = 3 \text{ r6}$	
10)	A post office has twenty-three pieces of junk mail they want to split evenly between six mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?	$23 \div 6 = 3 \text{ r5}$	

		Division with Ren	nainder (1 Digit	Quotient)	Name:	
Use	division to solv		Answers			
	6	2	5	8	4	1
	9	6	1	3	7	1
)	2
						3
1)	Each house a c houses would t	1	ds six sinks. If he bo	ought fifty-eight si	nks, how many	4
•		1		• • • •		5
2)	-		ne wanted to put the nany more should sl	_		6
3)	An airline has	seventy-eight piece	s of luggage to put a	away. If each lugga	age compartment	7
	will hold eight	pieces of luggage,	how many will be in	n the compartment	that isn't full?	8.
4)		r needed twenty-se ackages will they n	even popcorn bucket need to buy?	s. If each package	has four buckets in	9
5)	A builder need	ed to buy thirty-on	e boards for his lates	st project. If the bo	ards he needs come	10
	in packs of fou	r, how many packa	ges will he need to	buy?		
6)	Isabel is makin necklaces. If sh will she have le	make four s, how many beads				
7)	A truck can ho many trips wou	across town, how				
8)	John's dad bou with each piece	• •				
9)		Ũ	ht thirty-three ticket nt, how many more	•	o split all the tickets need to buy?	
10)	-	• •	ces of junk mail the es of junk mail will		•	

	Division with Remainder (1 Digit Quotient) Name:	
	Division with Remainder (1 Digit Quotient)	
	division to solve each problem. Megan received twenty-six dollars for her birthday. Later she found some toys that cost five dollars each. How much money would she have left if she bought as many as she could?	Answers 1. 2.
2)	It takes two grams of plastic to make a ruler. If a company had thirteen grams of plastic, how many entire rulers could they make?	3.
3)	A movie theater needed seventeen popcorn buckets. If each package has two buckets in it, how many packages will they need to buy?	4. 5.
4)	There are thirty people attending a luncheon. If a table can hold four people, how many tables do they need?	6 7
5)	It takes six apples to make an apple pie. If a chef bought twenty-eight apples, the last pie would need how many more apples?	8 9
6)	Each house a carpenter builds needs three sinks. If he bought seventeen sinks, how many houses would that cover?	10
7)	A food company has forty-two kilograms of food to put into boxes. If each box gets exactly five kilograms, how many full boxes will they have?	
8)	John wanted to give each of his eight friends an equal amount of candy. At the store he bought seventy-five pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	
9)	A school had nineteen students sign up for the trivia teams. If they wanted to have two team, with the same number of students on each team, how many more students would need to sign up?	
10)	Haley is making bead necklaces. She wants to use twenty- one beads to make four necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	
	Math Number Core Sheets com 8 1-10 90 80	70 60 50 40 30 20 10 0

	Division with Remainder (1 Digit Quotie	nt) Name:	Answer Key
Use	division to solve each problem.		Answers
1)	Megan received twenty-six dollars for her birthday. Later she found some toys that cost five dollars each. How much money would she have left if she bought as many as she could?	$26 \div 5 = 5 r1$	1. 1
2)	It takes two grams of plastic to make a ruler. If a company had thirteen grams of plastic, how many entire rulers could they make?	$13 \div 2 = 6 r1$	2. <u>6</u> 3. <u>9</u>
3)	A movie theater needed seventeen popcorn buckets. If each package has two buckets in it, how many packages will they need to buy?	$17 \div 2 = 8 r1$	4. <u>8</u> 5. <u>2</u>
4)	There are thirty people attending a luncheon. If a table can hold four people, how many tables do they need?	$30 \div 4 = 7 \text{ r}2$	6. <u>5</u> 7. <u>8</u>
5)	It takes six apples to make an apple pie. If a chef bought twenty-eight apples, the last pie would need how many more apples?	$28 \div 6 = 4 \text{ r4}$	8. <u>5</u> 9. <u>1</u>
6)	Each house a carpenter builds needs three sinks. If he bought seventeen sinks, how many houses would that cover?	$17 \div 3 = 5 \text{ r}2$	10
7)	A food company has forty-two kilograms of food to put into boxes. If each box gets exactly five kilograms, how many full boxes will they have?	$42 \div 5 = 8 \text{ r}2$	
8)	John wanted to give each of his eight friends an equal amount of candy. At the store he bought seventy-five pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	$75 \div 8 = 9 \text{ r}3$	
9)	A school had nineteen students sign up for the trivia teams. If they wanted to have two team, with the same number of students on each team, how many more students would need to sign up?	$19 \div 2 = 9 r1$	
10)	Haley is making bead necklaces. She wants to use twenty- one beads to make four necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	$21 \div 4 = 5 r1$	

		Division with Rer	nainder (1 Digit	Quotient)	Name:	
Use	division to sol	ve each problem.				<u>Answers</u>
	8	6	1	5	1	1.
	8	5	9	2	1	2.
						3
1)	U U	ed twenty-six dollars Iow much money w	•		ne toys that cost five ny as she could?	4
2)	-	ams of plastic to ma ire rulers could they		pany had thirteen g	grams of plastic,	5. 6.
3)		er needed seventeen kages will they need		f each package has	two buckets in it,	7
4)	There are thirt tables do they	y people attending a need?	uluncheon. If a table	e can hold four peo	pple, how many	8. 9.
5)		ples to make an appl w many more apple		ght twenty-eight ap	ples, the last pie	10
6)	Each house a c houses would	carpenter builds need that cover?	ds three sinks. If he	bought seventeen	sinks, how many	
7)	-	ny has forty-two kil , how many full box		out into boxes. If ea	ch box gets exactly	
8)	John wanted to bought seventy bought so he d					
9)		nineteen students sig same number of stu	· •	•	ed to have two students would need	
10)	•	ng bead necklaces. S he wants each neckl eft over?		•		
						50 40 20 20 10 0

	Division with Remainder (1 Digit Quotient)	Name:
Use	division to solve each problem.	Answers
1)	It takes eight apples to make an apple pie. If a chef bought forty-seven apples, the last pie would need how many more apples?	1
		2.
2)	A librarian had to pack twenty-six books into boxes. If each box can hold four books, how many boxes did she need?	3
3)	A new video game console needs four computer chips. If a machine can create twenty-one computer chips a day, how	4 5.
	many video game consoles can be created in a day?	J
4)	A clown needed thirty-one balloons for a party he was	6
	going to, but the balloons only came in packs of seven. How many packs of balloons would he need to buy?	7
5)	An airline has fifty-seven pieces of luggage to put away. If	8
	each luggage compartment will hold nine pieces of luggage, how many will be in the compartment that isn't full?	9
6)	A pizza store had fifty-six pieces of pepperoni to put on their pizzas. If each pizza got six pieces, how many extra pieces of pepperoni would they have?	10
7)	At the carnival, five friends bought forty-one tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?	
8)	A food company has seventy-eight kilograms of food to put into boxes. If each box gets exactly nine kilograms, how many full boxes will they have?	
9)	A box of computer paper has sixty-six sheets left in it. If each printer in a computer lab needed eight sheets how many printers would the box fill up?	
l 0)	Ned was trying to beat his old score of forty-six points in a video game. If he scores exactly eight points each round, how many rounds would he need to play to beat his old score?	

		nt) Name:	Answer Key
	Division with Remainder (1 Digit Quotie division to solve each problem.	nt) Ivanie.	
	It takes eight apples to make an apple pie. If a chef bought forty-seven apples, the last pie would need how many more	$47 \div 8 = 5 \text{ r}7$	Answers 1. 1
2)	A librarian had to neal twenty six backs into haves. If each	$26 \div 4 = 6 r^2$	2. 7
2)	A librarian had to pack twenty-six books into boxes. If each box can hold four books, how many boxes did she need?	$20 \div 4 = 0$ 12	35
3)	A new video game console needs four computer chips. If a machine can create twenty-one computer chips a day, how many video game consoles can be created in a day?	$21 \div 4 = 5 r1$	4. <u>5</u> 5. <u>3</u>
4)	A clown needed thirty-one balloons for a party he was going to, but the balloons only came in packs of seven. How many packs of balloons would he need to buy?	$31 \div 7 = 4 \text{ r}3$	6. <u>2</u> 7. <u>4</u>
5)	An airline has fifty-seven pieces of luggage to put away. If each luggage compartment will hold nine pieces of luggage, how many will be in the compartment that isn't full?	$57 \div 9 = 6 \text{ r}3$	8. <u>8</u> 9. <u>8</u>
6)	A pizza store had fifty-six pieces of pepperoni to put on their pizzas. If each pizza got six pieces, how many extra pieces of pepperoni would they have?	$56 \div 6 = 9 \text{ r}2$	10. <u>6</u>
7)	At the carnival, five friends bought forty-one tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?	$41 \div 5 = 8 r1$	
8)	A food company has seventy-eight kilograms of food to put into boxes. If each box gets exactly nine kilograms, how many full boxes will they have?	$78 \div 9 = 8 \text{ r6}$	
9)	A box of computer paper has sixty-six sheets left in it. If each printer in a computer lab needed eight sheets how many printers would the box fill up?	$66 \div 8 = 8 \text{ r}2$	
10)	Ned was trying to beat his old score of forty-six points in a video game. If he scores exactly eight points each round, how many rounds would he need to play to beat his old score?	46 ÷ 8 = 5 r6	

e	division to solv	e each problem.				Answe
	3	8	4	6	1	
	8	7	2	5	5	
					3	·
)		ples to make an ap w many more apple	ople pie. If a chef bo es?	ought forty-seven a		
2)	A librarian had many boxes did		x books into boxes.	If each box can hole	d four books, how	·
3)	Ŭ		four computer chip video game console		-	
I)	A clown needed thirty-one balloons for a party he was going to, but the balloons only came in packs of seven. How many packs of balloons would he need to buy?					
5)	An airline has fifty-seven pieces of luggage to put away. If each luggage compartment will hold nine pieces of luggage, how many will be in the compartment that isn't full?					0
6)	1	• 1	of pepperoni to put pepperoni would th	-	each pizza got six	
7)		U	nt forty-one tickets. how many more tic	• •	plit all the tickets so ed to buy?	
3)	-		nt kilograms of food y full boxes will the	-	If each box gets	
))	-		y-six sheets left in it nters would the box	-	a computer lab	
))			re of forty-six point y rounds would he	-		

	Division with Remainder (1 Digit Quotient) Name:	11
Use	division to solve each problem.	Answers
1)	A school had seventeen students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?	1. 2.
2)	A movie theater needed seventeen popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?	3.
3)	Kaleb was trying to beat his old score of sixty-four points in a video game. If he scores exactly seven points each round, how many rounds would he need to play to beat his old score?	4. 5.
4)	Jerry bought thirteen pieces of candy to give to two of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?	6. 7.
5)	A cafeteria was putting milk cartons into stacks. They had thirty-three cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?	8. 9.
6)	There are thirty-three students going to a trivia competition. If each school van can hold five students, how many vans will they need?	10
7)	Emily is making bead necklaces. She wants to use fifty- seven beads to make eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	
8)	A box of computer paper has thirty-eight sheets left in it. If each printer in a computer lab needed seven sheets how many printers would the box fill up?	
9)	Billy's dad bought seventeen meters of string. If he wanted to cut the string into pieces with each piece being three meters long, how many full sized pieces could he make?	
10)	Ned had sixty baseball cards he's putting into a binder with eight on each page. How many cards will he have on the page that isn't full?	

Jse	Division with Remainder (1 Digit Quotie division to solve each problem.	/	Answers
	A school had seventeen students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?	$17 \div 3 = 5 \text{ r}2$	1
2)	A movie theater needed seventeen popcorn buckets. If each package has four buckets in it, how many packages will they need to buy?	$17 \div 4 = 4 r1$	2 3
3)	Kaleb was trying to beat his old score of sixty-four points in a video game. If he scores exactly seven points each round, how many rounds would he need to play to beat his old score?	$64 \div 7 = 9 r1$	4 5 6 7
4)	Jerry bought thirteen pieces of candy to give to two of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?	$13 \div 2 = 6 r1$	6 7 85
5)	A cafeteria was putting milk cartons into stacks. They had thirty-three cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?	$33 \div 4 = 8 r1$	9. <u>5</u> 10. <u>4</u>
6)	There are thirty-three students going to a trivia competition. If each school van can hold five students, how many vans will they need?	$33 \div 5 = 6 \text{ r}3$	
7)	Emily is making bead necklaces. She wants to use fifty- seven beads to make eight necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	$57 \div 8 = 7 r1$	
8)	A box of computer paper has thirty-eight sheets left in it. If each printer in a computer lab needed seven sheets how many printers would the box fill up?	$38 \div 7 = 5 r3$	
9)	Billy's dad bought seventeen meters of string. If he wanted to cut the string into pieces with each piece being three meters long, how many full sized pieces could he make?	$17 \div 3 = 5 r^2$	
0)	Ned had sixty baseball cards he's putting into a binder with eight on each page. How many cards will he have on the page that isn't full?	$60 \div 8 = 7 \text{ r4}$	

e	division to solv	e each problem.	<u> </u>	<u> </u>		Answer
	4	5	1	5	8	1
	10	1	7	5	1	2
			sign up for the trivia adents on each team		ted to have three tudents would need	3. 4.
						5. 6.
)	Kaleb was tryin exactly seven pe score?	ne. If he scores y to beat his old	7.			
)	Jerry bought thi friend the same	vants to give each	9			
)	A cafeteria was putting milk cartons into stacks. They had thirty-three cartons and were putting them into stacks with four cartons in each stack. How many full stacks could they make?					10
	•	-three students go ow many vans wil	ing to a trivia compo l they need?	etition. If each scho	ol van can hold	
)	•	e wants each neck	She wants to use fif lace to have the sam	•	Ũ	
	-		y-eight sheets left in the source of the second sec	-	in a computer lab	

9) Billy's dad bought seventeen meters of string. If he wanted to cut the string into pieces with each piece being three meters long, how many full sized pieces could he make?

10) Ned had sixty baseball cards he's putting into a binder with eight on each page. How many cards will he have on the page that isn't full?