	Division With Tape Diagram Name:	
Solv	ve each problem.	Answers
1)	A clown needed {forty-nine} balloons for a party he was going to, but the balloons only came in packs of {three}. How many packs of balloons would he need to buy?	1
		3.
2)	A movie store had {fifty} movies they were putting on {three} shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need? 50	4 5
3)	Roger was trying to beat his old score of {thirty-two} points in a video game. If he scores	6
0)	exactly {seven} points each round, how many rounds would he need to play to beat his old score?	
4)	Tiffany had {thirty-six} photos to put into a photo album. If each page holds {seven}	
	photos, how many full pages will she have?	
5)	It takes {eight} apples to make an apple pie. If a chef bought {forty-three} apples, the last	
	pie would need how many more apples?	
6)	A botanist picked {fifty} flowers. She wanted to put them into {four} bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?	
	Math www.CommonCoreSheets.com 1	83 67 50 33 17 0

	Division With Tape Diagram Name: A	nswer Key
Solv	ve each problem.	Answers
1)	A clown needed {forty-nine} balloons for a party he was going to, but the balloons only came in packs of {three}. How many packs of balloons would he need to buy?	1. <b>17</b>
	49	21
		35
2)	A movie store had {fifty} movies they were putting on {three} shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies	45
	would he need? 50	55
		6. <b>2</b>
3)	Roger was trying to beat his old score of {thirty-two} 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? 32	
4)	Tiffany had {thirty-six} photos to put into a photo album. If each page holds {seven} photos, how many full pages will she have? 36	
5)	It takes {eight} apples to make an apple pie. If a chef bought {forty-three} apples, the last pie would need how many more apples? 43	
6)	A botanist picked {fifty} flowers. She wanted to put them into {four} bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?	
	Math www.CommonCoreSheets.com 1	6 83 67 50 33 17 0

	Division With Tape Diagram Name:	
Solv	ve each problem.	Answers
	Henry wanted to give each of his {seven} friends an equal amount of candy. At the store he bought {thirty-six} pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? 36	1
		2
		3
2)	A flash drive could hold {three} gigs of data. If you needed to store {twenty-nine} gigs, how many flash drive would you need?	4
		6
3)	Mike has to sell {thirty-three} chocolate bars to win a trip. If each box contains {six} chocolate bars, how many boxes will he need to sell to win the trip? 33	
4)	At the carnival, {eight} friends bought {twenty-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? 27	
5)	A post office has {thirty-six} pieces of junk mail they want to split evenly between {eight} mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?	
	36 ^	
6)	An industrial machine can make {thirty} crayons a day. If each box of crayons has {four} crayons in it, how many full boxes does the machine make a day?	
	Math www.CommonCoreSheets.com 2	83 67 50 33 17 0

	Division With Tape Diagram Name: Ar	iswer Key
Sol	ve each problem.	Answers
1)	Henry wanted to give each of his {seven} friends an equal amount of candy. At the store he bought {thirty-six} pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?	1. <u>6</u>
	36	2. <b>10</b>
		36
2)	A flash drive could hold {three} gigs of data. If you needed to store {twenty-nine} gigs, how many flash drive would you need?	45
	29	5. 4
		6. <b>7</b>
3)	Mike has to sell {thirty-three} chocolate bars to win a trip. If each box contains {six} chocolate bars, how many boxes will he need to sell to win the trip? 33	
4)	At the carnival, {eight} friends bought {twenty-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?	
5)	A post office has {thirty-six} pieces of junk mail they want to split evenly between {eight} mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?	
	36	
6)	An industrial machine can make {thirty} crayons a day. If each box of crayons has {four} crayons in it, how many full boxes does the machine make a day?	
	Math www.CommonCoreSheets.com 2	83 67 50 33 17 0

	Division With Tape Diagram Name:	
Solv	ve each problem.	Answers
1)	It takes {three} grams of plastic to make a ruler. If a company had {nineteen} grams of plastic, how many entire rulers could they make? 19	1
	$\bigwedge^{1}$	2
		2
		3
2)	Olivia 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?	4.       5.
		6
3)	A new video game console needs {two} computer chips. If a machine can create {thirty- five} computer chips a day, how many video game consoles can be created in a day? 35	
4)	A school had {twenty-seven} students sign up for the trivia teams. If they wanted to have {four} team, with the same number of students on each team, how many more students would need to sign up? $27$	
5)	A coat factory had {thirty} coats. If they wanted to put them into {nine} boxes, with the same number of coats in each box, how many extra coats would they have left over?	
6)	Amy had {fifty-three} photos to put into a photo album. If each page holds {six} photos, how many full pages will she have?	
	Math www.CommonCoreSheets.com 3	1-6 83 67 50 33 17 0

	Division With Tape Diagram Name: A	answer Key
Solv	ve each problem.	Answers
1)	It takes {three} grams of plastic to make a ruler. If a company had {nineteen} grams of plastic, how many entire rulers could they make? 19	1. <u>6</u>
		2. <b>2</b>
		3. <b>17</b>
2)	Olivia 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	41
	will she have left over?	5. 3
		68
3)	A new video game console needs {two} computer chips. If a machine can create {thirty- five} computer chips a day, how many video game consoles can be created in a day?	
4)	A school had {twenty-seven} students sign up for the trivia teams. If they wanted to have {four} team, with the same number of students on each team, how many more students would need to sign up? $27$	
5)	A coat factory had {thirty} coats. If they wanted to put them into {nine} boxes, with the same number of coats in each box, how many extra coats would they have left over?	
6)	Amy had {fifty-three} photos to put into a photo album. If each page holds {six} photos, how many full pages will she have?	

	Division With Tape Diagram Name:	
Solv	ve each problem.	Answers
1)	A coat factory had {forty-seven} 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?	1.       2.       3.
2)	A truck can hold {six} boxes. If you needed to move {twenty-two} boxes across town, how many trips would you need to make?	4 5 6
3)	Isabel had {forty-one} songs on her mp3 player. If she wanted to put the songs equally into {eight} different playlists, how many songs would she have left over?	
4)	A cafeteria was putting milk cartons into stacks. They had {twenty-three} cartons and were putting them into stacks with {four} cartons in each stack. How many full stacks could they make?	
5) 6)	Cody is trying to earn {twenty-six} dollars for some new toys. If he charges {eight} dollars to mow a lawn, how many lawns will he need to mow to earn the money?	
	A3 A3 Math www.CommonCoreSheets.com 43 43 43 43 43 4 4 4 4 4 4 4 4 4 4 4 4 4	83 67 50 33 17 0

	Division With Tape Diagram Name: 4	Answer Key
Solv	ve each problem.	Answers
1)	A coat factory had {forty-seven} 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?	th 1. <u>2</u>
	47	2. 4
		3. 1
2)	A truck can hold {six} boxes. If you needed to move {twenty-two} boxes across town, ho many trips would you need to make?	w 4. <u>5</u>
		54
		61
3)	Isabel had {forty-one} songs on her mp3 player. If she wanted to put the songs equally in {eight} different playlists, how many songs would she have left over?	to
4)	A cafeteria was putting milk cartons into stacks. They had {twenty-three} cartons and we putting them into stacks with {four} cartons in each stack. How many full stacks could th make?	
5)	Cody is trying to earn {twenty-six} dollars for some new toys. If he charges {eight} dollar to mow a lawn, how many lawns will he need to mow to earn the money? 26	ırs
6)	The roller coaster at the state fair costs {two} tickets per ride. If you had {forty-three} tickets, how many tickets would you have left if you rode it as many times as you could?	
	Math 4	1-6 83 67 50 33 17 0

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	Division With Tape Diagram Name:	
Solv	ve each problem.	Answers
1)	A new video game console needs {five} computer chips. If a machine can create {thirty- one} computer chips a day, how many video game consoles can be created in a day? 31	1
		<i>2</i>
		3.
		5
2)	Lana received {forty-four} dollars for her birthday. Later she found some toys that cost {seven} dollars each. How much money would she have left if she bought as many as she could?	e 4 5
		6
3)	A botanist picked {fifty-three} flowers. She wanted to put them into {six} bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?	
4)	Paul's dad bought {fifty} 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?	
-		
5)	At the carnival, {two} friends bought {forty-nine} 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?	
	49	
6)	A school had {forty-seven} students sign up for the trivia teams. If they wanted to have {five} team, with the same number of students on each team, how many more students would need to sign up?	
	47	
	Math www.CommonCoreSheets.com 5	1-6 83 67 50 33 17 0

	Division With Tape Diagram Name:	Answer Key
Sol	ve each problem.	Answers
1)	A new video game console needs {five} computer chips. If a machine can create {thirty- one} computer chips a day, how many video game consoles can be created in a day?	16
	$^{31}$	22
		31
2)	Lana received {forty-four} dollars for her birthday. Later she found some toys that cost {seven} dollars each. How much money would she have left if she bought as many as sh	e 4. <u>16</u>
	could?	5
		63
3)	A botanist picked {fifty-three} flowers. She wanted to put them into $\{six\}$ bouquets with the same number of flowers in each. How many more should she pick so she doesn't hav any extra?	
4)	Paul's dad bought {fifty} 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?	
5)	At the carnival, {two} friends bought {forty-nine} 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? 49	
6)	A school had {forty-seven} students sign up for the trivia teams. If they wanted to have {five} team, with the same number of students on each team, how many more students would need to sign up?	
	47	
	Math www.CommonCoreSheets.com 5	1-6 83 67 50 33 17 0

	Division With Tape Diagram Name:	
Solv	/e each problem.	Answers
1)	Vanessa is making bead necklaces. She wants to use {forty-nine} beads to make {two} necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	1
		2
		3
2)	At the carnival, {nine} friends bought {twenty-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?	4 5
		6
3)	A cafeteria was putting milk cartons into stacks. They had {forty-six} cartons and were putting them into stacks with {three} cartons in each stack. How many full stacks could they make?	
4)	Mike had {thirty-one} pieces of candy. If he wants to split the candy into {seven} 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?	
5)	There are {twenty-five} students going to a trivia competition. If each school van can hold {two} students, how many vans will they need?	
6)	An airline has {forty-four} 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?	
	Math Junuar Composition com 6	83 67 50 33 17 0
	www.CommonCoreSheets.com	

	Division With Tape Diagram Name: Ar	iswer Key
Solv	ve each problem.	Answers
1)	Vanessa is making bead necklaces. She wants to use {forty-nine} beads to make {two} necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	1. <b>1</b>
	49	24
		3. <b>15</b>
2)	At the carnival, {nine} friends bought {twenty-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	4
	buy?	5. <u>13</u>
		64
3)	A cafeteria was putting milk cartons into stacks. They had {forty-six} cartons and were putting them into stacks with {three} cartons in each stack. How many full stacks could they make?	
4)	Mike had {thirty-one} pieces of candy. If he wants to split the candy into {seven} 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?	
5)	There are {twenty-five} students going to a trivia competition. If each school van can hold {two} students, how many vans will they need?	
6)	An airline has {forty-four} 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?	
	Math www.CommonCoreSheets.com 6	83         67         50         33         17         0

	Division With Tape Diagram Name:	
Solv	/e each problem.	Answers
1)	A movie store had {thirty-one} movies they were putting on {eight} shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	1
	31	2
	۲ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰	
		3
2)	There are {fifty-three} students going to a trivia competition. If each school van can hold {six} students, how many vans will they need?	4 5
		6
		6
3)	A baker had {five} boxes for donuts. He ended up making {twenty-three} donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	
4)	A clown needed {twenty-four} balloons for a party he was going to, but the balloons only came in packs of {five}. How many packs of balloons would he need to buy? 24	
5) 6)	Sam was trying to beat his old score of {forty-nine} 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?	
	Math www.CommonCoreSheets.com 7	83 67 50 33 17 0

	Division With Tape Diagram Name: An	iswer Key
Solv	ve each problem.	Answers
1)	A movie store had {thirty-one} movies they were putting on {eight} shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	1. <b>1</b>
	31	2. <b>9</b>
		33
2)	There are {fifty-three} students going to a trivia competition. If each school van can hold {six} students, how many vans will they need?	45
	53	5
		61
3)	A baker had {five} boxes for donuts. He ended up making {twenty-three} donuts and	
	splitting them evenly between the boxes. How many extra donuts did he end up with?	
4)	A clown needed {twenty-four} balloons for a party he was going to, but the balloons only came in packs of {five}. How many packs of balloons would he need to buy? 24	
	24 	
5)	Sam was trying to beat his old score of {forty-nine} 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?	
	49	
6)	Emily had {twenty-nine} songs on her mp3 player. If she wanted to put the songs equally into {four} different playlists, how many songs would she have left over?	
		83 67 50 33 17 0
	Math www.CommonCoreSheets.com 7	

	Division With Tape Diagram Name:	
Solv	/e each problem.	Answers
1)	A flash drive could hold {five} gigs of data. If you needed to store {forty-three} gigs, how many flash drive would you need?	
		2
		3
2)	Haley had {thirty} pennies. She wanted to place the pennies into {four} stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?	4
	30	J
		6
3)	A truck can hold {two} boxes. If you needed to move {forty-seven} boxes across town, how many trips would you need to make?	
4)	The roller coaster at the state fair costs {four} tickets per ride. If you had {twenty-nine} tickets, how many tickets would you have left if you rode it as many times as you could?	
	29	
5)	An industrial machine can make {thirty-two} crayons a day. If each box of crayons has {nine} crayons in it, how many full boxes does the machine make a day?	
6)	A baker had {nine} boxes for donuts. He ended up making {thirty-two} donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? $32$	
	Math www.CommonCoreSheets.com 8	-6 83 67 50 33 17 0

	Division With Tape Diagram Name: A	answer Key
Solv	ve each problem.	Answers
1)	A flash drive could hold {five} gigs of data. If you needed to store {forty-three} gigs, how many flash drive would you need?	
	43	2
		2. <u>2</u> 3 <b>24</b>
2)	Haley had {thirty} pennies. She wanted to place the pennies into {four} stacks, with the	3. <u>24</u> 4. 1
,	same amount in each stack. How many more pennies would she need so all the stacks would be equal?	5. <b>3</b>
		6. <b>5</b>
3)	A truck can hold {two} boxes. If you needed to move {forty-seven} boxes across town, how many trips would you need to make?	
4)	The roller coaster at the state fair costs {four} tickets per ride. If you had {twenty-nine} tickets, how many tickets would you have left if you rode it as many times as you could?	
5)	An industrial machine can make {thirty-two} crayons a day. If each box of crayons has $\{nine\}$ crayons in it, how many full boxes does the machine make a day?	
6)	A baker had {nine} boxes for donuts. He ended up making {thirty-two} donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	
	Math www.CommonCoreSheets.com 8	-6 83 67 50 33 17 0

	Division With Tape Diagram Name:	
Solv	e each problem.	Answers
1)	At the carnival, {seven} friends bought {fifty-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 buy?	1
		2
		3
2)	A container can hold $\{six\}$ orange slices. If a company had $\{forty-one\}$ orange slices to put into containers, how many more slices would they need to fill up the last container?	4 5
		6
3)	Kaleb was trying to beat his old score of {thirty-three} points in a video game. If he scores exactly {four} points each round, how many rounds would he need to play to beat his old score? 33	
4)	A vat of orange juice was {forty-nine} pints. If you wanted to pour the vat into {nine} glasses with the same amount in each glass, how many pints would be in each glass?	
5)	A movie theater needed {forty-three} popcorn buckets. If each package has {six} buckets in it, how many packages will they need to buy? 43	
	$\frown$	
6)	A machine in a candy company creates {thirty-five} pieces of candy a minute. If a small box of candy has {three} pieces in it how many full boxes does the machine make in a minute? 35	
	Math www.CommonCoreSheets.com 9	83 67 50 33 17 0

	Division With Tape Diagram Name: An	swer Key
Solv	ve each problem.	Answers
1)	At the carnival, {seven} friends bought {fifty-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 buy?	1
	55	2. 1
		3
2)	A container can hold {six} orange slices. If a company had {forty-one} orange slices to put	45
	into containers, how many more slices would they need to fill up the last container? 41	5 8
	$\frown$	5. <u>ð</u>
		611
3)	Kaleb was trying to beat his old score of {thirty-three} points in a video game. If he scores exactly {four} points each round, how many rounds would he need to play to beat his old score?	
4)	A vat of orange juice was {forty-nine} pints. If you wanted to pour the vat into {nine} glasses with the same amount in each glass, how many pints would be in each glass?	
5)	A movie theater needed {forty-three} popcorn buckets. If each package has {six} buckets in it, how many packages will they need to buy? 43	
6)	A machine in a candy company creates {thirty-five} pieces of candy a minute. If a small box of candy has {three} pieces in it how many full boxes does the machine make in a minute?	
	Moth O <sup>1-6</sup>	83 67 50 33 17 0

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	Division With Tape Diagram Name:	
Solv	/e each problem.	Answers
1)	A vat of orange juice was {fifty} pints. If you wanted to pour the vat into {six} glasses with the same amount in each glass, how many pints would be in each glass? 50	1
		3
2)	A movie store had {thirty-nine} movies they were putting on {seven} 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.
		6
3)	A box of computer paper has {twenty-three} sheets left in it. If each printer in a computer lab needed {four} sheets how many printers would the box fill up?	
4)	The roller coaster at the state fair costs {eight} tickets per ride. If you had {forty-three} tickets, how many tickets would you have left if you rode it as many times as you could? 43	
5)	Edward has to sell {forty-five} chocolate bars to win a trip. If each box contains {four} chocolate bars, how many boxes will he need to sell to win the trip?	
6)	Katie had {thirty-four} photos to put into a photo album. If each page holds {six} photos, how many full pages will she have?	
	Math www.CommonCoreSheets.com 10	.6         83         67         50         33         17         0

	Division With Tape Diagram Name: A	nswer Key
Solv	ze each problem.	Answers
1)	A vat of orange juice was {fifty} pints. If you wanted to pour the vat into {six} glasses with the same amount in each glass, how many pints would be in each glass? 50	18
		2. 3
		3. 5
2)	A movie store had {thirty-nine} movies they were putting on {seven} shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies	43
	would he need?	5. <b>12</b>
		6. <b>5</b>
3)	A box of computer paper has {twenty-three} sheets left in it. If each printer in a computer lab needed {four} sheets how many printers would the box fill up?	
4)	The roller coaster at the state fair costs {eight} tickets per ride. If you had {forty-three} tickets, how many tickets would you have left if you rode it as many times as you could?	
5)	Edward has to sell {forty-five} chocolate bars to win a trip. If each box contains {four} chocolate bars, how many boxes will he need to sell to win the trip?	
6)	Katie had {thirty-four} photos to put into a photo album. If each page holds {six} photos, how many full pages will she have?	
	10 <sup>1-0</sup>	5 83 67 50 33 17 0