	Multiplication With Tape Diagram Name:	
Sol	ve each problem using a tape diagram.	Answers
1)	A store sold 50 C batteries in a day. They sold 3 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?	1
		2
		3
2)	An ice cream shop sold 37 waffle cones. They sold 8 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total?	4 5
3)	A school principal was looking over grades. In math 22 students scored a C. 3 times as many students scored a B. And 6 times as many students scored an A as scored a B. How many students scored an A, B or C?	
4)	On week 1 a football player jogged for 29 minutes. On week 2 he jogged for 2 times as long. On week 3 he jogged for 5 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?	
5)	An ice cream shop sold 41 waffle cones. They sold 2 times as many sugar cones as waffle cones and 2 times as many wafer cones as sugar cones. How many cones did they sell total?	

1

	Multiplication With Tape Diagram Name: An	iswer Key
Sol	ve each problem using a tape diagram.	Answers
1)	A store sold 50 C batteries in a day. They sold 3 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total? C 50 AAA AAA	1.       650         2.       1221         3.       484
2)	An ice cream shop sold 37 waffle cones. They sold 8 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total? Waffle 37 Sugar Wafer Wafer	4. <u>377</u> 5. <u>287</u>
3)	A school principal was looking over grades. In math 22 students scored a C. 3 times as many students scored a B. And 6 times as many students scored an A as scored a B. How many students scored an A, B or C? C 22 B A D C C C C C C C C C C C C C C C C C C	
4)	On week 1 a football player jogged for 29 minutes. On week 2 he jogged for 2 times as long. On week 3 he jogged for 5 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks? Week 1 29 Week 2 Week 3 Week 3	
5)	An ice cream shop sold 41 waffle cones. They sold 2 times as many sugar cones as waffle cones and 2 times as many wafer cones as sugar cones. How many cones did they sell total? Waffle 41 Sugar Wafer Wafer	

1

	Multiplication With Tape Diagram Name:	
 Solv	ve each problem using a tape diagram.	Answers
1)	On week 1 a football player jogged for 46 minutes. On week 2 he jogged for 7 times as long. On week 3 he jogged for 9 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?	1.       2.
2)	In one day a restaurant used 11 knives. They also used 2 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?	3.
3)	Chef Cody buys 35 carrots. He buys 2 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together?	
4)	An ice cream shop sold 18 waffle cones. They sold 4 times as many sugar cones as waffle cones and 2 times as many wafer cones as sugar cones. How many cones did they sell total?	
5)	A school principal was looking over grades. In math 12 students scored a C. 3 times as many students scored a B. And 3 times as many students scored an A as scored a B. How many students scored an A, B or C?	

		Ν	Aultiplica	ation Wi	th Tape	Diagra	m	Name:	A	nswe	r Key
Solv	ve each probl				1	0					Answers
1)	On week 1 a long. On wee did he jog ac	ek 3 he jog pross all 3 v	ged for 9 t							1	3266
	Week 1	46								2	77
	Week 2 Week 3							Π		3	315
										4.	234
2)	In one day a And 2 times	as many sj			•		•	•	mives.		156
	knives	11									
	forks spoons							 7			
	spoons										
3)	Chef Cody b many tomato Carrots Potatoes Tomatoes	•		•	•				as		
4)	An ice crean cones and 2 total?	times as m									
	Waffle	18			_						
	Sugar							 7			
5)	Wafer A school pri- many studen many studen C B	ts scored a	B. And 3	times as n							
	Б А		I								
	11		I	I	I			 			

	Multiplication With Tape Diagram Name:	
Solv	ve each problem using a tape diagram.	Answers
1)	On week 1 a football player jogged for 18 minutes. On week 2 he jogged for 3 times as long. On week 3 he jogged for 2 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?	1.       2.
2)	An ice cream shop sold 30 waffle cones. They sold 3 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total?	3.         4.         5.
3)	In one day a restaurant used 22 knives. They also used 3 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?	
4)	An ice cream shop sold 27 waffle cones. They sold 4 times as many sugar cones as waffle cones and 8 times as many wafer cones as sugar cones. How many cones did they sell total?	
5)	Chef Cody buys 29 carrots. He buys 4 times as many potatoes as carrots and 7 times as many tomatoes as potatoes. How many vegetables did he buy all together?	

			Multiplic	ation V	Vith 7	Гаре D	iagrar	n		Nar	ne: 4	Answ	ver	Key	
Solv	e each probl		-			1								nswers	
1)	On week 1 a long. On we did he jog ac Week 1 Week 2 Week 3	ek 3 he jo	gged for 2									e 1. 2. 3.		180 390 220	
2)	An ice crean cones and 3 total?	-			-			•	-			4. e 5.		999 957	
	Waffle Sugar Wafer	30								]					
3)	In one day a And 2 times knives forks spoons				•			•		•	ed knive	es.			
4)	An ice crean cones and 8 total? Waffle Sugar Wafer	-			-			•	-			e			
5)	Chef Cody b many tomato Carrots Potatoes Tomatoes	•		•		• 1					ies as				

	Multiplication With Tape Diagram Name:	
 Solv	ve each problem using a tape diagram.	Answers
1)	An ice cream shop sold 29 waffle cones. They sold 2 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total?	1.       2.
2)	In one day a restaurant used 50 knives. They also used 3 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?	3.
3)	An ice cream shop sold 28 waffle cones. They sold 3 times as many sugar cones as waffle cones and 9 times as many wafer cones as sugar cones. How many cones did they sell total?	
4)	On week 1 a football player jogged for 13 minutes. On week 2 he jogged for 4 times as long. On week 3 he jogged for 3 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?	
5)	A school principal was looking over grades. In math 40 students scored a C. 4 times as many students scored a B. And 7 times as many students scored an A as scored a B. How many students scored an A, B or C?	

	Multiplication With Tape Diagram Name: Ar	iswer Key
Sol	ve each problem using a tape diagram.	Answers
1)	An ice cream shop sold 29 waffle cones. They sold 2 times as many sugar cones as waffle cones and 3 times as many wafer cones as sugar cones. How many cones did they sell total?	1. <b>261</b>
	Waffle 29	2. <b>500</b>
	Sugar	2.
	Wafer	3. <b>868</b>
		4. <b>221</b>
2)	In one day a restaurant used 50 knives. They also used 3 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day? knives 50	5. <b>1320</b>
	forks	
	spoons	
3)	An ice cream shop sold 28 waffle cones. They sold 3 times as many sugar cones as waffle cones and 9 times as many wafer cones as sugar cones. How many cones did they sell total? Waffle 28 Sugar Wafer	
4)	On week 1 a football player jogged for 13 minutes. On week 2 he jogged for 4 times as long. On week 3 he jogged for 3 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks? Week 1 13 Week 2 Week 3 Week 3 Week 3	
5)	A school principal was looking over grades. In math 40 students scored a C. 4 times as many students scored a B. And 7 times as many students scored an A as scored a B. How many students scored an A, B or C? C 40 B A A	

	Multiplication With Tape Diagram Name:	
 Solv	ve each problem using a tape diagram.	Answers
1)	On week 1 a football player jogged for 37 minutes. On week 2 he jogged for 7 times as long. On week 3 he jogged for 4 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?	1.       2.
2)	A school principal was looking over grades. In math 30 students scored a C. 2 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?	3 4 5
3)	An ice cream shop sold 19 waffle cones. They sold 5 times as many sugar cones as waffle cones and 6 times as many wafer cones as sugar cones. How many cones did they sell total?	
4)	Chef Paul buys 20 carrots. He buys 5 times as many potatoes as carrots and 7 times as many tomatoes as potatoes. How many vegetables did he buy all together?	
5)	A store sold 14 C batteries in a day. They sold 2 as many AAA batteries as C batteries and 2 times as many AA as AAA batteries. How many batteries did they sell total?	

Ę	Multiplication With Tape Diagram Name: A	nswer Key
Sol	ve each problem using a tape diagram.	Answers
1)	On week 1 a football player jogged for 37 minutes. On week 2 he jogged for 7 times as long. On week 3 he jogged for 4 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks? Week 1 37 Week 2 Week 3 Week 3	1.       1332         2.       210         3.       684
2)	A school principal was looking over grades. In math 30 students scored a C. 2 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?   C 30   B	4. <u>820</u> 5. <u>98</u>
3)	An ice cream shop sold 19 waffle cones. They sold 5 times as many sugar cones as waffle cones and 6 times as many wafer cones as sugar cones. How many cones did they sell total? Waffle 9 Sugar 4 Wafer 4 Waffer 4 Wafer 4 Waffer 4 Wafer 4 Wafer 4 W	
4)	Chef Paul buys 20 carrots. He buys 5 times as many potatoes as carrots and 7 times as many tomatoes as potatoes. How many vegetables did he buy all together? Carrots 20 Potatoes Tomatoes Tomatoes	
5)	A store sold 14 C batteries in a day. They sold 2 as many AAA batteries as C batteries and 2 times as many AA as AAA batteries. How many batteries did they sell total? C 14 AAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	1-5 80 60 40 20 0

	Multiplication With Tape Diagram Name:	
Solv	ve each problem using a tape diagram.	Answers
1)	A school principal was looking over grades. In math 29 students scored a C. 2 times as many students scored a B. And 3 times as many students scored an A as scored a B. How many students scored an A, B or C?	1.       2.
2)	On week 1 a football player jogged for 22 minutes. On week 2 he jogged for 3 times as long. On week 3 he jogged for 2 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?	3.
3)	In one day a restaurant used 43 knives. They also used 2 as many forks as they used knives. And 3 times as many spoons as forks. How many utensils do they use in a day?	
4)	On week 1 a football player jogged for 33 minutes. On week 2 he jogged for 6 times as long. On week 3 he jogged for 8 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?	
5)	A school principal was looking over grades. In math 41 students scored a C. 4 times as many students scored a B. And 9 times as many students scored an A as scored a B. How many students scored an A, B or C?	
	Math www.CommonCoreSheets.com 6	1-5 80 60 40 20 0

	Multiplication With Tape Diagram Name: An	swer Key
Solv	ve each problem using a tape diagram.	Answers
1)	A school principal was looking over grades. In math 29 students scored a C. 2 times as many students scored a B. And 3 times as many students scored an A as scored a B. How many students scored an A, B or C? C 29 B A D A D D D D D D D D D D D D D D D D	1.       261         2.       220         3.       387
2)	On week 1 a football player jogged for 22 minutes. On week 2 he jogged for 3 times as long. On week 3 he jogged for 2 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks? Week 1 22 Week 2 Week 3 Week 3 Week 3	4. <u>1815</u> 5. <u>1681</u>
3)	In one day a restaurant used 43 knives. They also used 2 as many forks as they used knives. And 3 times as many spoons as forks. How many utensils do they use in a day? knives 43 forks spoons spoons spoons 1	
4)	On week 1 a football player jogged for 33 minutes. On week 2 he jogged for 6 times as long. On week 3 he jogged for 8 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks? Week 1 33 Week 2	
5)	A school principal was looking over grades. In math 41 students scored a C. 4 times as many students scored a B. And 9 times as many students scored an A as scored a B. How many students scored an A, B or C? C 4 B A A	

	Multiplication With Tapa Diagram	
	Multiplication With Tape Diagram Name:	Answers
1)	A school principal was looking over grades. In math 34 students scored a C. 4 times as many students scored a B. And 2 times as many students scored an A as scored a B. How many students scored an A, B or C?	1.       2.
2)	On week 1 a football player jogged for 24 minutes. On week 2 he jogged for 4 times as long. On week 3 he jogged for 8 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?	3.
3)	A store sold 44 C batteries in a day. They sold 8 as many AAA batteries as C batteries and 8 times as many AA as AAA batteries. How many batteries did they sell total?	
4)	In one day a restaurant used 39 knives. They also used 4 as many forks as they used knives. And 3 times as many spoons as forks. How many utensils do they use in a day?	
5)	In one day a restaurant used 16 knives. They also used 2 as many forks as they used knives. And 9 times as many spoons as forks. How many utensils do they use in a day?	

		Mu	ltiplicatio	on With	n Tape	Diagra	ım		Name:	Ans	wer ]	Kev
Solv	ve each problen		_		1	0						nswers
1)	A school princ many students many students C	scored a B.	And 2 tim	-						ow	1 2	442 888
											3.	3212
2)				24			21	1.6	,		4	663
2)	On week 1 a fo long. On week did he jog acro Week 1 24 Week 2 Week 3	3 he jogged ss all 3 wee	d for 8 time								5	336
3)	A store sold 44 8 times as man C 44 AAA [] AAA []	y AA as AA	•	•		•				and		
4)	In one day a re And 3 times as knives forks spoons			•			•		•	ives.		
5)	In one day a re And 9 times as knives 1 forks 5 spoons 5			-			•		•			
	Math	www.Co	ommonCore	Sheets.c	om	,	7			1-	5 80 6	0 40 20 0

	Multiplication With Tape Diagram Name:	
Solv	ve each problem using a tape diagram.	Answers
1)	A school principal was looking over grades. In math 40 students scored a C. 9 times as many students scored a B. And 9 times as many students scored an A as scored a B. How many students scored an A, B or C?	1.       2.
2)	Chef Edward buys 42 carrots. He buys 2 times as many potatoes as carrots and 4 times as many tomatoes as potatoes. How many vegetables did he buy all together?	3.         4.         5.
3)	A store sold 26 C batteries in a day. They sold 2 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total?	
4)	An ice cream shop sold 19 waffle cones. They sold 2 times as many sugar cones as waffle cones and 2 times as many wafer cones as sugar cones. How many cones did they sell total?	
5)	An ice cream shop sold 27 waffle cones. They sold 6 times as many sugar cones as waffle cones and 4 times as many wafer cones as sugar cones. How many cones did they sell total?	

	Multiplication With Tape Diagram Name: A	nswer Key
Solv	ve each problem using a tape diagram.	Answers
1)	A school principal was looking over grades. In math 40 students scored a C. 9 times as many students scored a B. And 9 times as many students scored an A as scored a B. How many students scored an A, B or C?	1. <b>3640</b>
	$\begin{array}{c} C & 4 \\ B & \hline \end{array}$	2. <u>462</u>
	A (	3
2)	Chef Edward buys 42 carrots. He buys 2 times as many potatoes as carrots and 4 times as	4
_,	many tomatoes as potatoes. How many vegetables did he buy all together? Carrots 42 Potatoes Tomatoes	5. <u>837</u>
3)	A store sold 26 C batteries in a day. They sold 2 as many AAA batteries as C batteries and 3 times as many AA as AAA batteries. How many batteries did they sell total? C 26 AAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	
4)	An ice cream shop sold 19 waffle cones. They sold 2 times as many sugar cones as waffle cones and 2 times as many wafer cones as sugar cones. How many cones did they sell total?          Waffle       19         Sugar	
5)	An ice cream shop sold 27 waffle cones. They sold 6 times as many sugar cones as waffle cones and 4 times as many wafer cones as sugar cones. How many cones did they sell total?          Waffle       27         Sugar	
	Math www.CommonCoreSheets.com 8	1-5 80 60 40 20 0

	Multiplication With Tape Diagram Name:	
Solv	ve each problem using a tape diagram.	Answers
1)	A store sold 47 C batteries in a day. They sold 6 as many AAA batteries as C batteries and 5 times as many AA as AAA batteries. How many batteries did they sell total?	1
		2 3
2)	Chef Luke buys 28 carrots. He buys 3 times as many potatoes as carrots and 3 times as	4
	many tomatoes as potatoes. How many vegetables did he buy all together?	5
3)	In one day a restaurant used 24 knives. They also used 6 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day?	
4)	In one day a restaurant used 18 knives. They also used 4 as many forks as they used knives. And 3 times as many spoons as forks. How many utensils do they use in a day?	
5)	Chef George buys 25 carrots. He buys 7 times as many potatoes as carrots and 6 times as many tomatoes as potatoes. How many vegetables did he buy all together?	

	Multiplication With Tape Diagram Name: A	iswer Key
Sol	ve each problem using a tape diagram.	Answers
1)	A store sold 47 C batteries in a day. They sold 6 as many AAA batteries as C batteries and 5 times as many AA as AAA batteries. How many batteries did they sell total? C 47 AAA AAA AAA AAA AAAA AAAA AAAAAAAAAAA	1.       1739         2.       364         3.       456
2)	Chef Luke buys 28 carrots. He buys 3 times as many potatoes as carrots and 3 times as many tomatoes as potatoes. How many vegetables did he buy all together? Carrots 28 Potatoes Tomatoes	4. <u>306</u> 5. <u>1250</u>
3)	In one day a restaurant used 24 knives. They also used 6 as many forks as they used knives. And 2 times as many spoons as forks. How many utensils do they use in a day? knives 24 forks spoons spoons <u>spoons</u>	
4)	In one day a restaurant used 18 knives. They also used 4 as many forks as they used knives. And 3 times as many spoons as forks. How many utensils do they use in a day? knives 18 forks	
5)	Chef George buys 25 carrots. He buys 7 times as many potatoes as carrots and 6 times as many tomatoes as potatoes. How many vegetables did he buy all together? Carrots 25 Potatoes Tomatoes	1-5 80 60 40 20 0
	Math www.CommonCoreSheets.com 9	

	Multiplication With Tape Diagram Name:	A
1)	On week 1 a football player jogged for 38 minutes. On week 2 he jogged for 6 times as long. On week 3 he jogged for 4 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks?	<u>Answers</u> 1 2
2)	A store sold 11 C batteries in a day. They sold 5 as many AAA batteries as C batteries and 9 times as many AA as AAA batteries. How many batteries did they sell total?	3.         4.         5.
3)	Chef Victor buys 24 carrots. He buys 3 times as many potatoes as carrots and 2 times as many tomatoes as potatoes. How many vegetables did he buy all together?	
4)	A school principal was looking over grades. In math 26 students scored a C. 3 times as many students scored a B. And 3 times as many students scored an A as scored a B. How many students scored an A, B or C?	
5)	In one day a restaurant used 47 knives. They also used 4 as many forks as they used knives. And 3 times as many spoons as forks. How many utensils do they use in a day?	

	Multiplication With Tape Diagram Name: A	nswer Key
Solv	ve each problem using a tape diagram.	Answers
1)	On week 1 a football player jogged for 38 minutes. On week 2 he jogged for 6 times as long. On week 3 he jogged for 4 times as long as he jogged on week 2. How many minute did he jog across all 3 weeks? Week 1 38	1. <b>1178</b> 2. <b>561</b>
	Week 2	3. <b>240</b>
2)		4338
2)	A store sold 11 C batteries in a day. They sold 5 as many AAA batteries as C batteries and 9 times as many AA as AAA batteries. How many batteries did they sell total? C [] AAA	5. <b>799</b>
3)	Chef Victor buys 24 carrots. He buys 3 times as many potatoes as carrots and 2 times as many tomatoes as potatoes. How many vegetables did he buy all together?   Carrots 24   Potatoes	
4)	A school principal was looking over grades. In math 26 students scored a C. 3 times as many students scored a B. And 3 times as many students scored an A as scored a B. How many students scored an A, B or C? C 26 B A D D D D D D D D D D D D D D D D D D	
5)	In one day a restaurant used 47 knives. They also used 4 as many forks as they used knives And 3 times as many spoons as forks. How many utensils do they use in a day? knives 47 forks spoons spoons spoons	S.
	Math www.CommonCoreSheets.com 10	1-5 80 60 40 20 0