

Hi there! My name is Aly, but my favorite people call me Mrs. Franklin! I am a middle school resource room teacher in Michigan. I spend my time teaching special education math intervention classes, cotaught math intervention classes, and coteaching 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade math classes!

My goal with creating Middle School in the Mitten was to share engaging and time saving resources and ideas with busy, world changing teachers like you! All of the activities that are found in my Teachers Pay Teachers store were created for and used with my own students. In fact, I began my TPT journey in 2017, when I shared my first few sets of digital task cards that I was creating for my caseload students!

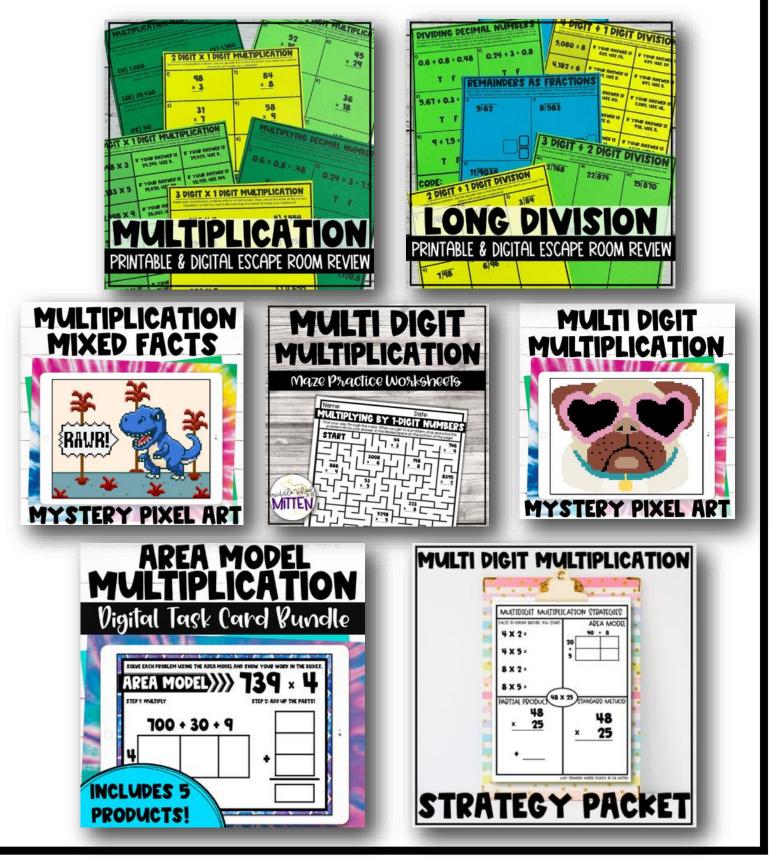
Thank you for your download! I created multiplication chart as a reference for my students in my math intervention classes and it can be a game changer! I print it on colorful cardstock, laminate it, and we use it all year long!

If you have any questions, please feel free to send me an email at <u>middleschoolinthemitten@gmail.com</u>, and I will try my best to help!



# OTHER RESOURCES YOU'LL LOVE!

There are so many engaging ways to practice essential math skills! Click on the pictures below to check out more of my students' favorites!



## MULTIPLICATION CHART FREEBIE What's included

Thanks so much for your download! I'm confident that you'll use these multiplication charts year after year! This free resource includes 4 different versions of simple, but cute, multiplication charts and templates for students to create their own! I love to print them on colored cardstock and either laminate them for classroom use or put them on the back of other reference pages, like place value charts or integer rule pages! I use these all the time in my resource room and math classes!

Included in this resource:

- How to Print PDFs as Posters
- 12 x 12 multiplication chart full page and half page
- 12 x 15 multiplication chart full page and half page
- 12 x 20 multiplication chart-full page and half page
- 20 x 20 multiplication chart full page and half page
- Blank multiplication chart templates for students to create their own!
- Suggested Answer Keys
- Suggestions for other resources you'll love!
- Terms of Use for Middle School in the Mitten Resources

Suggestions for Use:

- Print the multiplication chart of your choice as a poster to use as an anchor chart in your classroom!
- Print and laminate to use year after year!
- Print multiple copies per page for interactive notebooks or student folders/binders!

# HOW I USE THIS RESOURCE

A few years ago, I realized that my middle school students were lacking automaticity with their multiplication facts, which was making grade level math topics difficult and frustrating for them and for me! My students would have the steps to the math process we were learning correct, but mess up with one basic math fact, making the entire answer incorrect! Maybe you are seeing similar problems in your classroom, too.

I started looking into tons of programs to help my students build their fact knowledge, but they were either expensive, boring, too elementary, or too time consuming. I felt like I needed to push memorization since that's how I learned it! Instead of focusing on memorization, we can focus on teaching them to use reference materials accurately to help them solve more complex problems, which more closely mirrors what society will expect from them as adults.

Multiplication charts and other reference materials have a lot of benefits. They even the playing field between students of different abilities. They allow students to be able to focus on the problem at hand instead of each individual multiplication or division fact. Lastly, it's just plain easier for everyone involved, including me!

I provide multiplication charts for every student in my class. For my middle school students, I print my integer rule page back-to-back with the 20 x 20 multiplication chart, and we reference them every day in my classroom! I also have them laminated in a bin near my calculators for regular classroom use.

I hope these multiplication charts are a powerful addition to your classroom and help your students become more independent and confident in math, just like they have with my own students!

# LOVE THIS FREEBIE?

# I'm so glad!

Leave a Review! — I love hearing about how my products have helped you or your students. Please take a moment to leave a review under the <u>'My Purchases' tab on TPT!</u>

Follow Me! — If this freebie was your jam<u>, click</u> <u>here to follow my TPT store!</u> I have hundreds of products that will be useful and engaging in your classroom! My goal with creating Middle School in the Mitten was to share engaging and time saving resources and ideas with busy, world changing teachers like you!

Tag me on Instagram! — I love seeing my products in classrooms around the world! After using these pages in your classroom, snap a photo and tag @middleschoolinthemitten! I can't wait to see!

Lastly, <u>check out my website</u> for more teacher time savers, tips, and resources!

### A QUICK HOW TO: PRINTING PAGES AS POSTER SIZE

I'm a sucker for a large poster or anchor chart, but I don't often have the time, money, or desire to send a document to my local copy center to make it as large and in charge as I'm picturing in my head! Here's how I print regular pages as poster sized beauties!

Step O: Download and install the free version of Adobe Acrobat Reader on your computer.

Step 1: Open the PDF file in the free version of Adobe Acrobat Reader. Step 2: Choose File, then print.

Step 3: Type the page number you'd like to print as a poster. I recommend doing one page at a time, but you can select ranges of pages using a dash (ex. 2-4) or select specific pages using commas (ex. 3, 5 will print pages 3 and 5, but not 4!)

Pages to	Print		
	◯ Current	Pages	3
More C	)ntions		

Step 4: Under Page Sizing & Handling, select "Poster", then change the Tile Scale to a percentage that you want to use for your poster (more details on this on the next page). Also, select a small number for the overlap, which is where the edges of the pages will overlap. This is helpful for gluing. If your overlap is larger, your poster will take more pages for printing!

S <u>i</u> ze	Poster	Multiple	Booklet
Tile Scale: 200	% Overlap:	0.5 in	
Cut marks	Labels	,	

### A GUICK HOW TO: PRINTING PAGES AS POSTER SIZE

Step 4, Continued:

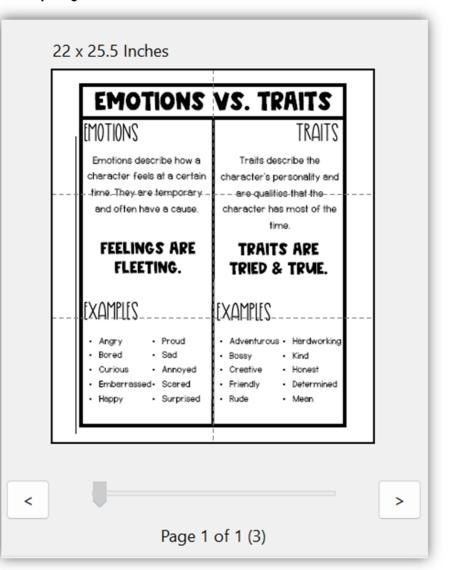
This will take some playing around. Be sure the use the arrows under the preview image to see how many pages the poster will be INSTEAD of just pressing enter, as that can sometimes send your job to the printer before you're done playing around with the size! Using 0.5 inch overlap, here's what I've found works for me:

- 126% uses about 2 full pages.
- □ 188% uses about 4 full pages.
- □ 216% uses about 6 full pages.

Słep 5:

Print the poster and place the pages together like a puzzle. If you used overlap, trim off one of the overlapping pieces, so the remaining overlap will lay underneath the trimmed page. Use glue or tape to secure the poster together.

Step 6 (Optional): Laminate for use year after year!



12	=	10	9	8	7	6	ნ	4	ω	2	1	×	
12	ll	0	6	8	7	6	5	4	ε	2	1	1	M
24	22	20	81	91	14	12	lo	8	9	4	2	2	
36	33	30	27	24	21	18	15	12	6	6	З	ω	
48	44	40	36	32	28	24	20	16	12	8	4	4	PL
60	55	50	45	40	35	30	25	20	15	10	5	ъ	
72	66	60	54	48	42	36	30	24	<b>8</b>	12	6	6	AL
84	77	70	63	56	49	42	35	28	21	14	7	7	0
96	88	80	72	64	56	48	40	32	24	91	8	8	N
108	66	06	81	72	63	54	45	36	27	18	6	9	CH
120	110	100	06	80	70	60	50	40	30	20	10	Ol	A
132	121	Oll	66	88	77	66	55	44	33	22	11	11	T
144	132	120	108	96	84	72	60	48	36	24	12	12	

12	11	10	9	8	7	6	5	4	ω	2	1	×	
12	11	10	9	8	7	6	5	4	з	2	1	1	7
24	22	20	18	16	14	12	10	8	6	4	2	2	2
36	εε	30	27	24	21	18	ច	12	6	6	З	З	7
48	44	40	36	32	28	24	20	16	12	8	4	4	
60	55	50	45	40	35	30	25	20	ជ	10	5	5	P
72	66	60	54	48	42	36	30	24	18	12	6	6	5
84	77	70	63	56	49	42	35	28	21	14	7	7	Ď
96	88	80	72	64	56	48	40	32	24	16	8	8	
108	66	06	81	72	63	54	45	36	27	18	6	6	9
120	110	100	90	80	70	60	50	40	30	20	10	10	Z
132	121	110	66	88	77	66	55	44	33	22	11	II	2
144	132	120	108	96	84	72	60	48	36	24	12	12	
156	143	130	117	104	91	78	65	52	39	26	13	13	R
168	154	140	126	112	86	84	70	56	42	28	14	14	
180	165	150	135	120	105	90	75	60	45	30	പ	ជ	

12	=	10	9	00	7	6	5	4	ω	2	-	×	
12	=	10	9	œ	7	6	5	4	ω	2	1	-	
24	22	20	18	16	14	12	10	80	ი	4	2	2	3
36	33	30	27	24	21	18	15	12	9	6	З	з	Ċ
48	44	40	36	32	28	24	20	16	12	8	4	4	
60	55	50	45	40	35	30	25	20	15	10	5	5	
72	66	60	54	48	42	36	30	24	18	12	6	6	70
84	77	70	63	56	49	42	35	28	21	14	7	7	ř
96	88	80	72	64	56	48	40	32	24	16	8	8	5
108	66	06	81	72	63	54	45	36	27	18	6	9	X
120	110	100	90	80	70	60	50	40	30	20	10	10	
132	121	110	66	88	77	66	55	44	33	22	11	II	
144	132	120	108	96	84	72	60	48	36	24	12	12	0
156	143	130	117	104	91	78	65	52	39	26	13	13	Z
168	154	140	126	112	86	84	70	56	42	28	14	14	
180	165	150	135	120	105	06	75	60	45	30	15	15	¥
192	176	160	144	128	112	96	80	64	48	32	16	16	
204	187	170	153	136	119	102	85	68	51	34	17	17	
216	198	180	162	144	126	108	90	72	54	36	18	18	
228	209	190	171	152	133	114	95	76	57	38	19	19	
240	220	200	180	160	140	120	100	80	60	40	20	20	
MIDDI													

20	61	81	71	16	15	14	ß	12	II	10	9	8	7	6	5	4	ε	2	1	×	
20	19	8	17	91	ங	14	13	12	н	10	9	8	7	6	5	4	з	2	-	-	
40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	2	3
60	57	54	51	48	45	42	39	36	33	30	27	24	21	18	ы	12	6	6	з	з	2
80	76	72	68	64	60	56	52	48	44	40	36	32	28	24	20	16	12	8	4	4	
100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	5	
120	114	108	102	96	90	84	78	72	66	60	54	48	42	36	30	24	8	12	6	6	70
140	133	126	<b>0</b> 11	112	105	86	91	84	77	70	63	56	49	42	35	28	21	14	7	7	
160	152	144	136	128	120	112	104	96	88	80	72	64	56	48	40	32	24	91	8	8	5
180	171	162	153	144	135	126	711	108	66	06	81	72	63	54	45	36	27	81	6	9	X
200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	01	
220	209	198	187	176	165	154	143	132	121	110	66	88	77	66	55	44	33	22	II	п	
240	228	216	204	192	180	168	156	144	132	120	108	96	84	72	60	48	36	24	12	12	0
260	247	234	221	208	195	182	169	156	143	130	117	104	91	78	65	52	39	26	13	ß	Z
280	266	252	238	224	210	961	182	168	154	140	126	112	86	84	70	56	42	28	14	14	
300	285	270	255	240	225	210	195	180	165	150	135	120	105	06	75	60	45	30	15	Ъ	¥
320	304	288	272	256	240	224	208	192	176	160	144	128	112	96	80	64	48	32	16	91	
340	323	306	289	272	255	238	221	204	187	170	153	136	0ll	102	85	68	51	34	17	17	
360	342	324	306	288	270	252	234	216	198	180	162	144	126	108	06	72	54	36	18	18	
380	361	342	323	304	285	266	247	228	209	190	171	152	133	114	95	76	57	38	19	61	
400	380	360	340	320	300	280	260	240	220	200	180	160	140	120	100	80	60	40	20	20	
MIC		-					-														

	M	2		PL		PT	O	Z	CH	A	T	;
×	1	2	ယ	4	5	6	7	8	9	10	=	
1												
2												
ε												
4												
5												
9												
۲												
8												
9												
10												
≓												
12												

12	II	10	9	8	7	თ	თ	4	ω	2	1	×	
												1	
												2	
												ы	
												4	
												5	
												ი	P
												7	
												8	
												9	
												10	
												=	
												12	0
												13	Z
												14	
												15	H
												16	A
												17	
												18	
												19	
												20	

12	II	10	9	8	7	6	თ	4	မ	2	1	×	
												1	7
												2	2
												ы	7
												4	
												5	Ρ
												6	C
												7	Ä
												8	
												6	0
												10	Z
												II	C
												12	HA
												ß	P
												14	
												15	

20	61	81	17	16	ម	14	ß	12	II	10	6	8	7	6	5	4	З	2	1	×	
																				1	
																				2	3
																				ε	C
																				4	
																				5	
																				6	T
																				7	
																				8	5
																				6	Ä
																				10	
																				II	
																				12	0
																				ß	Z
																				14	0
																				15	Ĭ
																				16	A
																				71	70
																				18	
																				61	-
																				20	

	M	ЧL		PL		AT	10	N	СН	A	<b>7</b> 5	
X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

	M	ЧL		PL	IC	AT	0	N	СН	A	<b>7</b>	
X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

	P	1	Ľ		PL		A		0	N	CI	1	R	T	
×	1	2	З	4	5	6	7	8	9	10	11	12	13	14	15
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
З	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
4	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60
5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
6	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
7	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105
8	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120
9	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135
10	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
11	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165
12	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180

	MU	<b>ALT</b>	IPL	ICA	TI	01	CI	IA	R	T	
100 C					100	100				The second	

X1234567891011121314151123456789101112131415224681012141618202224262830336912151821242730333639424544812162024283236404448525660551015202530354045505560657075661218243036424854505560657075771421283542495663707784919810588162432404856647280889610411212099182736455463728190991081171261351010203040506077889910010112013014015011112																
2     2     4     6     8     10     12     14     16     18     20     22     24     26     28     30       3     3     6     9     12     15     18     21     24     27     30     33     36     39     42     45       4     4     8     12     16     20     24     28     32     36     40     44     48     52     56     60       5     10     15     20     25     30     35     40     45     50     55     60     65     70     75       6     6     12     18     24     30     36     42     48     54     60     66     72     78     84     90       7     7     14     21     28     35     42     49     56     63     70     77     84     91     98     105     88     86     16 </th <th>×</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>10</th> <th>11</th> <th>12</th> <th>13</th> <th>14</th> <th>15</th>	×	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
3     3     6     9     12     15     18     21     24     27     30     33     36     39     42     45       4     4     8     12     16     20     24     28     32     36     40     44     48     52     56     60       5     5     10     15     20     25     30     35     40     45     50     55     60     65     70     75       6     6     12     18     24     30     36     42     48     54     60     66     72     78     84     90       7     7     14     21     28     35     42     49     56     63     70     77     84     91     98     105       8     8     16     24     32     40     48     56     64     72     80     88     96     104     112     120	1	1	2	З	4	5	6	7	8	9	10	11	12	13	14	15
4   4   8   12   16   20   24   28   32   36   40   44   48   52   56   60     5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75     6   6   12   18   24   30   36   42   48   54   60   66   72   78   84   90     7   7   14   21   28   35   42   48   54   60   66   72   78   84   90     7   7   14   21   28   35   42   49   56   63   70   77   84   91   98   105     8   8   16   24   32   40   48   56   64   72   80   88   96   104   112   120     9   9   18   27   36   45   54   63   72   81   90   99 </td <td>2</td> <td>2</td> <td>4</td> <td>6</td> <td>8</td> <td>10</td> <td>12</td> <td>14</td> <td>16</td> <td>18</td> <td>20</td> <td>22</td> <td>24</td> <td>26</td> <td>28</td> <td>30</td>	2	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
5   10   15   20   25   30   35   40   45   50   55   60   65   70   75     6   6   12   18   24   30   36   42   48   54   60   66   72   78   84   90     7   7   14   21   28   35   42   49   56   63   70   77   84   91   98   105     8   8   16   24   32   49   56   63   70   77   84   91   98   105     8   8   16   24   32   40   48   56   64   72   80   88   96   104   112   120     9   9   18   27   36   45   54   63   72   81   90   99   108   117   126   135     10   10   20   30   40   50   60   77   88   99   100   101   120	3	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
6   12   18   24   30   36   42   48   54   60   66   72   78   84   90     7   7   14   21   28   35   42   49   56   63   70   77   84   91   98   105     8   8   16   24   32   40   48   56   63   70   77   84   91   98   105     8   8   16   24   32   40   48   56   64   72   80   88   96   104   112   120     9   9   18   27   36   45   54   63   72   80   88   96   104   112   120     90   9   18   27   36   45   54   63   72   81   90   108   117   126   135     10   10   20   30   40   50   60   77   88   99   100   110   120   130 <td>4</td> <td>4</td> <td>8</td> <td>12</td> <td>16</td> <td>20</td> <td>24</td> <td>28</td> <td>32</td> <td>36</td> <td>40</td> <td>44</td> <td>48</td> <td>52</td> <td>56</td> <td>60</td>	4	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60
7   14   21   28   35   42   49   56   63   70   77   84   91   98   105     8   8   16   24   32   40   48   56   63   70   77   84   91   98   105     9   9   18   24   32   40   48   56   64   72   80   88   96   104   112   120     9   9   18   27   36   45   54   63   72   81   90   99   108   117   126   135     10   10   20   30   40   50   60   70   80   90   100   110   120   130   140   150     11   11   22   33   44   55   66   77   88   99   110   121   132   143   154   165	5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
8   16   24   32   40   48   56   64   72   80   88   96   104   112   120     9   9   18   27   36   45   54   63   72   81   90   99   108   117   126   135     10   10   20   30   40   50   60   70   80   90   100   120   130   140   150     11   11   22   33   44   55   66   77   88   99   100   121   132   143   154   165	6	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
9   18   27   36   45   54   63   72   81   90   99   108   117   126   135     10   10   20   30   40   50   60   70   80   90   100   110   120   130   140   150     11   11   22   33   44   55   66   77   88   99   110   121   132   143   154   165	7	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105
10   10   20   30   40   50   60   70   80   90   100   110   120   130   140   150     11   11   22   33   44   55   66   77   88   99   110   121   132   143   154   165	8	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120
11   11   22   33   44   55   66   77   88   99   110   121   132   143   154   165	9	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135
	10	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
12 12 24 36 48 60 72 84 96 108 120 132 144 156 168 180	11	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165
	12	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180

		M	V		T	P				1		D	N	C			R	27		
×	1	2	з	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1	2	з	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
з	з	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
4	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
6	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
7	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
8	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
9	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180
10	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
11	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220
12	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240

# MULTIPLICATION CHART

			-																	
×	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1	2	з	4	5	6	7	œ	9	10	11	12	13	14	15	16	17	18	19	20
2	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
з	З	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
4	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
6	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
7	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
8	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
9	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180
10	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
11	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220
12	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240

© MIDDLE SCHOOL IN THE MITTEN

							_							_					_	_
		M			T	P										1	D			
														V						
×	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
3	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
4	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
6	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
7	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
8	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
9	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180
10	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
11	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220
12	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
13	13	26	39	52	65	78	91	104	117	130	143	156	169	182	195	208	221	234	247	260
14	14	28	42	56	70	84	98	112	126	140	154	168	182	196	210	224	238	252	266	280
15	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300
16	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320
17	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255	272	289	306	323	340
18	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360
19	19	38	57	76	95	114	133	152	171	190	209	228	247	266	285	304	323	342	361	380
20	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400

# MULTIPLICATION CHART

X 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 2																				
×	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
3	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
4	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
6	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
7	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
8	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
9	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180
10	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
n	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220
12	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
13	13	26	39	52	65	78	91	104	117	130	143	156	169	182	195	208	221	234	247	260
14	14	28	42	56	70	84	98	112	126	140	154	168	182	196	210	224	238	252	266	280
15	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300
16	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320
17	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255	272	289	306	323	340
18	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360
19	19	38	57	76	95	114	133	152	171	190	209	228	247	266	285	304	323	342	361	380
20	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400



Thank you for respecting my work!

© 2022 Aly Franklin: Middle School in the Mitten. All rights reserved. Download of this reference page set entitles the purchaser the right to reproduce the pages in limited quantities for single classroom use only. Duplication for an entire school, entire school system, or commercial purposes is strictly forbidden without written permission from the publisher.

Copying any part of this product and placing it on the internet in any form (even a personal/classroom website) is strictly forbidden and is a violation of the Digital Millennium Copyright Act (DMCA). These items can be picked up in a Google search and then shared worldwide for free.

CLIP ART AND GRAPHICS CREDITS You may: Use this item for personal/student use in AITLYNN ALBAA a single classroom. Groesbeck Purchase additional licenses at a discount FONTS for others to enjoy this resource. Enjoy this resource for years to come (check back for updated versions)! PERFEC You many not: RebeccaB Give this resource to your friends or **CLIP ART FOR TEACHERS** colleagues. Copy this item for use by others Post this item on a website for download. POTOLY, DUAL 🐲 This includes personal websites, Design classroom websites, Weebly, Amazon Inspire, etc. Post this item for any like copy for sale or for free.

©ALY FRANKLIN: MIDDLE SCHOOL IN THE MITTEN