

1 DIGIT BY 3 DIGIT MULTIPLICATION



✓ GAMES
✓ ACTIVITIES
✓ WORKSHEETS

$172 \times 4 = 688$
#18

THE LIFETIME LEARNER

3 MINI-LESSONS

1 by 3 Digit Multiplication: Area Model

3x718

Step 1: Break up the number into hundreds, tens, and ones.
Step 2: Multiply by each place value.
Step 3: Add all products together.

700	2100
10	30
8	24

2	1	0	0
		3	0
		2	4
2	1	5	4

6x536

500	3000
30	180
6	36

3	0	0	0
	1	8	0
		3	6
3	2	1	6

8x429

400	3200
20	160
9	72

3	2	0	0
	1	6	0
		7	2
3	4	3	2

1 by 3 Digit Multiplication: Partial Products

4x235

Step 1: Break up the number into hundreds, tens, and ones.
Step 2: Multiply by each place value.
Step 3: Add all products together.

Equations:

$4 \times 200 = 800$
$4 \times 30 = 120$
$4 \times 5 = 20$

8	0	0
1	2	0
	2	0
9	4	0

5x821

$5 \times 800 = 4000$
 $5 \times 20 = 100$
 $5 \times 1 = 5$

4000
+ 100
5
4105

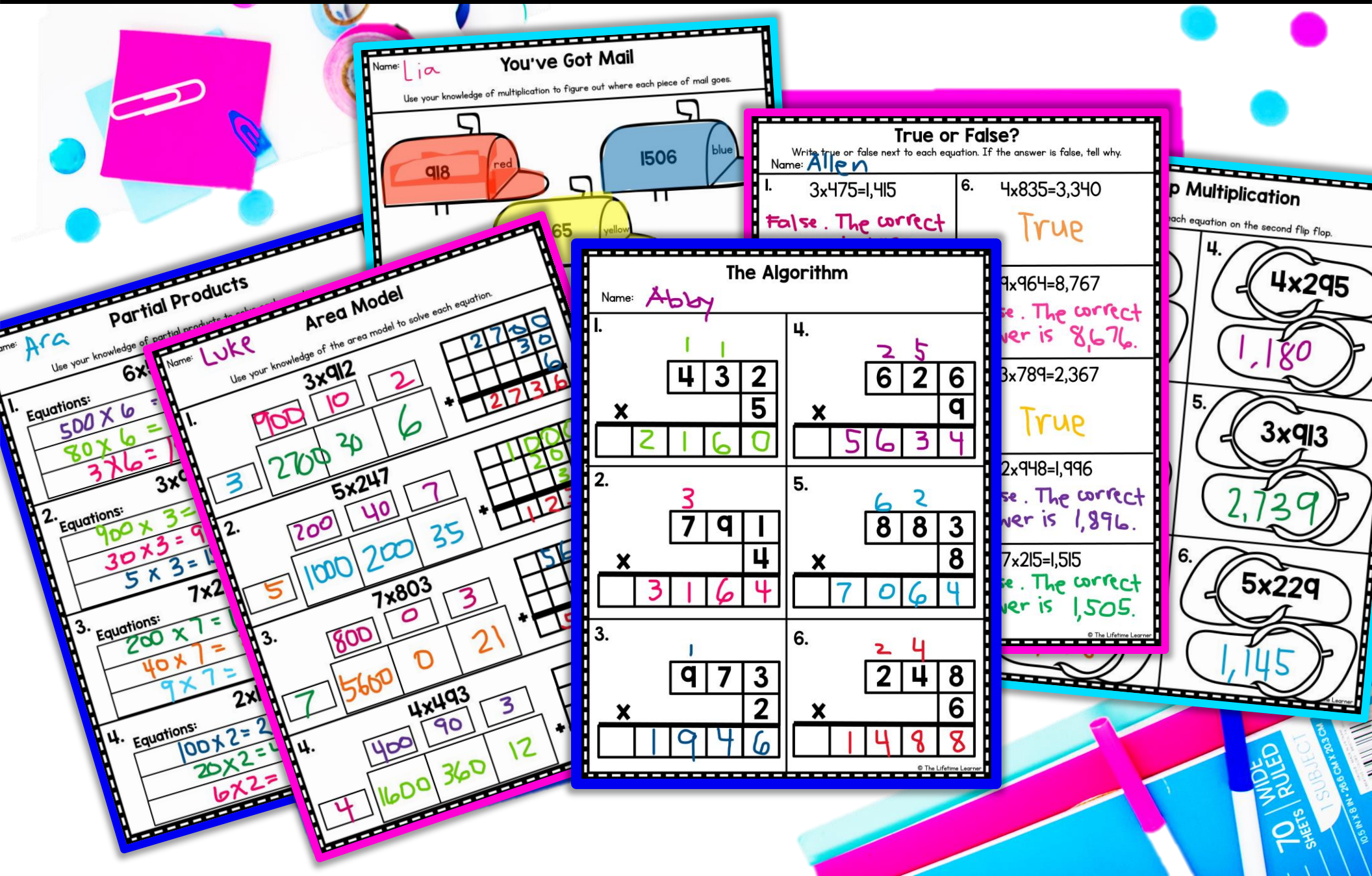
6x393

$6 \times 300 = 1800$
 $6 \times 90 = 540$
 $6 \times 3 = 18$

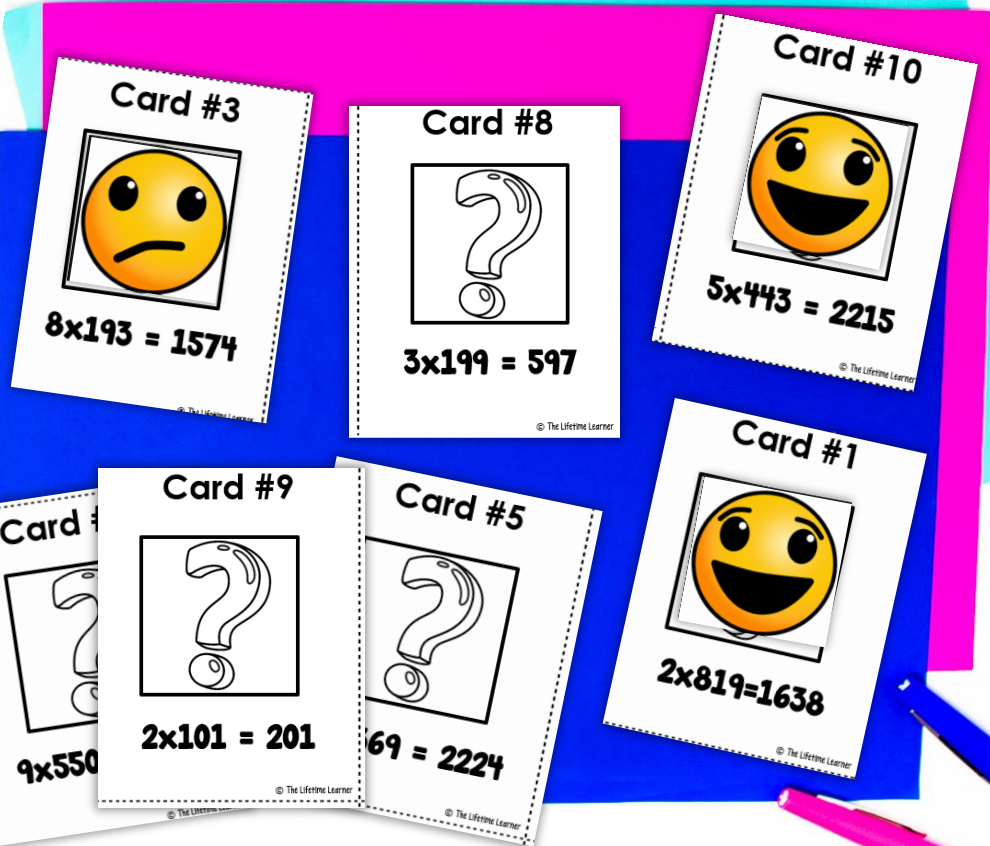
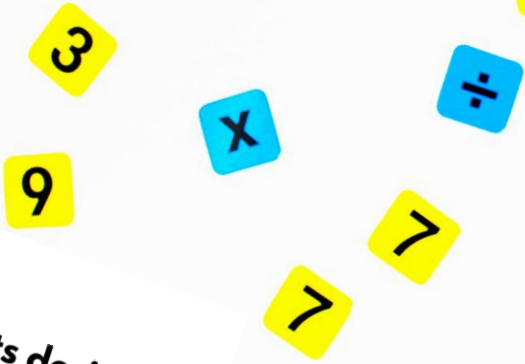
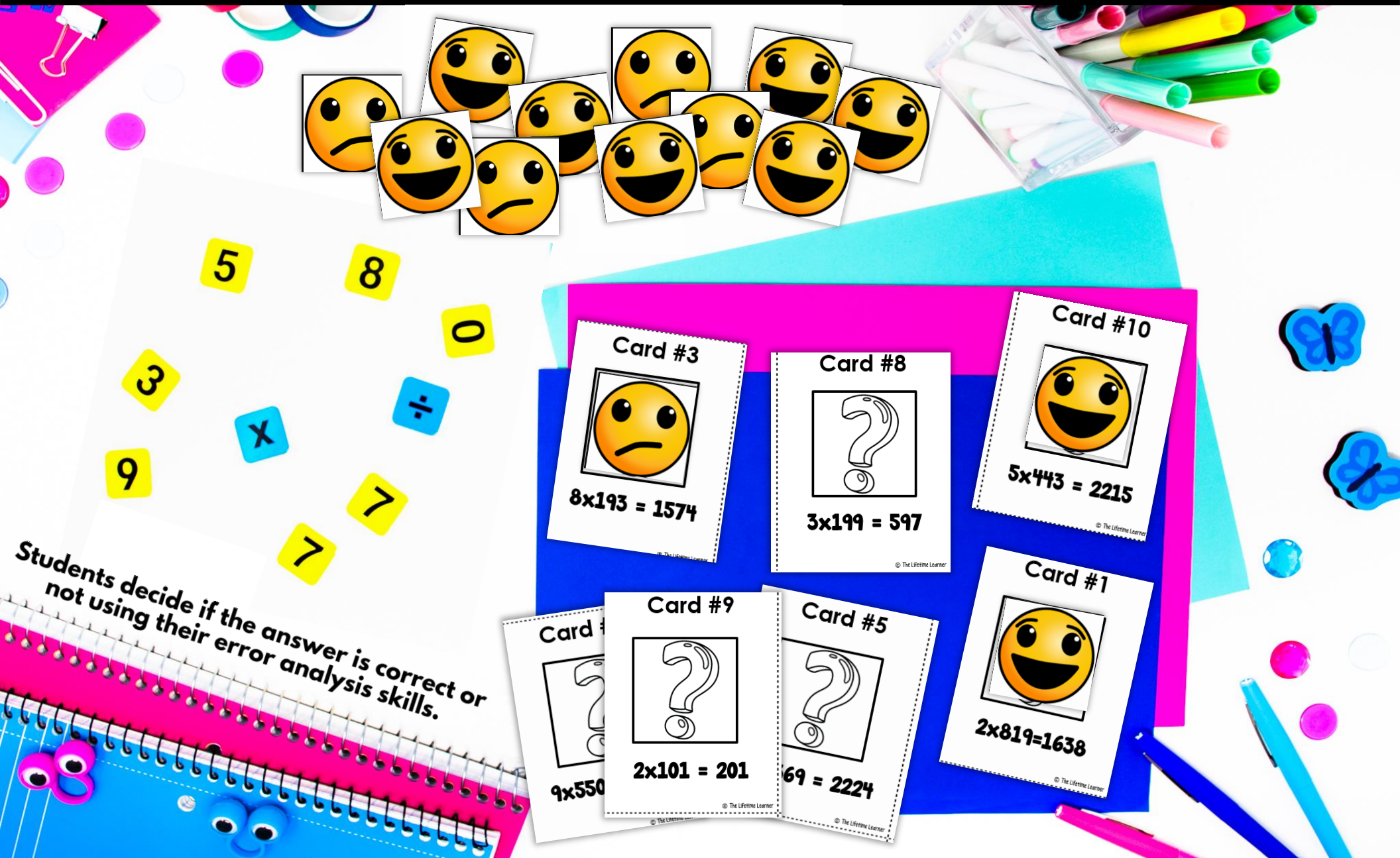
1800
+ 540
18
2358

- area model
- partial products
- algorithm

10 WORKSHEETS



MATH SORT



Students decide if the answer is correct or not using their error analysis skills.



MULTI-PLAYER GAME

Answer questions pulled out of the bag.
Each question that is correct counts as a point.
But, if you pull out a crocodile, you have to
put all of your cards back and start over.

$$4 \times 256$$

#4

$$105 \times 4$$

#3

$$279 \times 5$$

#6

$$102 \times 7$$

#10

$$306 \times 5$$

#11

$$408 \times 4$$

#9

$$639 \times 8$$

#14

Crocodile Encounter!

Crocodile Encounter!

TASK CARDS

24 emoji-themed task cards

RECORDING SHEET

#1	#2	#3	#4
#5	#6	#7	#8
#9	#10	#11	#12
#13	#14	#15	#16
#17	#18	#19	#20
#21	#22	#23	#24
#25	#26	#27	#28

$$2 \times 954$$



#5

$$3 \times 872$$



#7

$$5 \times 566$$



$$9 \times 458$$



#8

GAME #1



Students match up each cell phone to the correct coffee cup.

GAME #2

FOR 2-4 PLAYERS



HOW TO PLAY:

1. All players receive a game mat.
2. Students answer a question card.
3. If they are correct, they earn an item.
4. The first person to earn 10 items wins.
5. Chance cards included to spice up gameplay.



$199 \times 5 =$

#19

$172 \times 4 =$

688

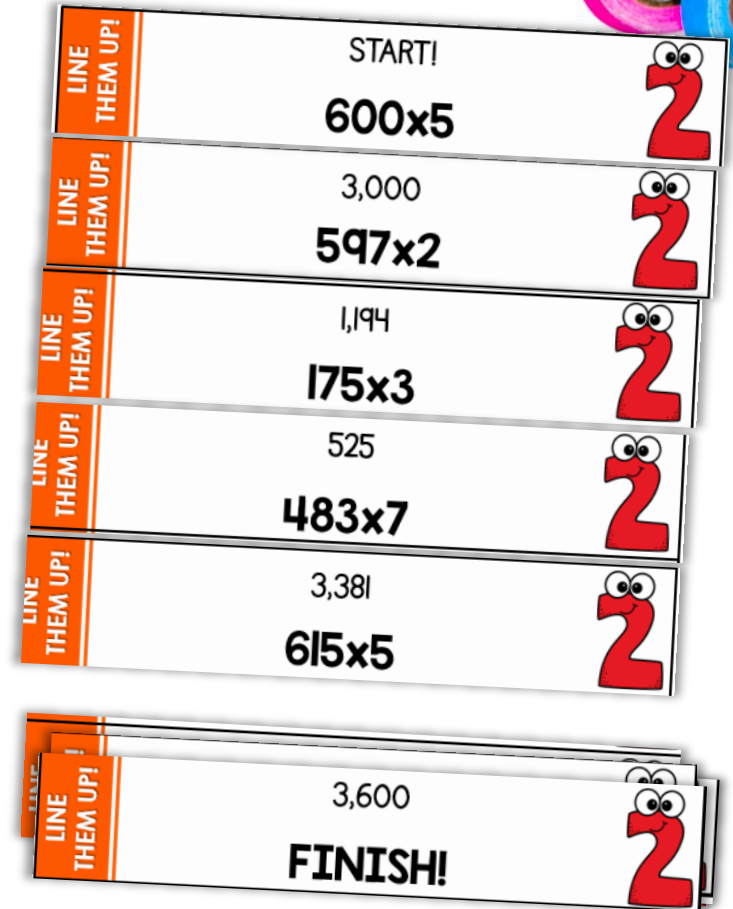
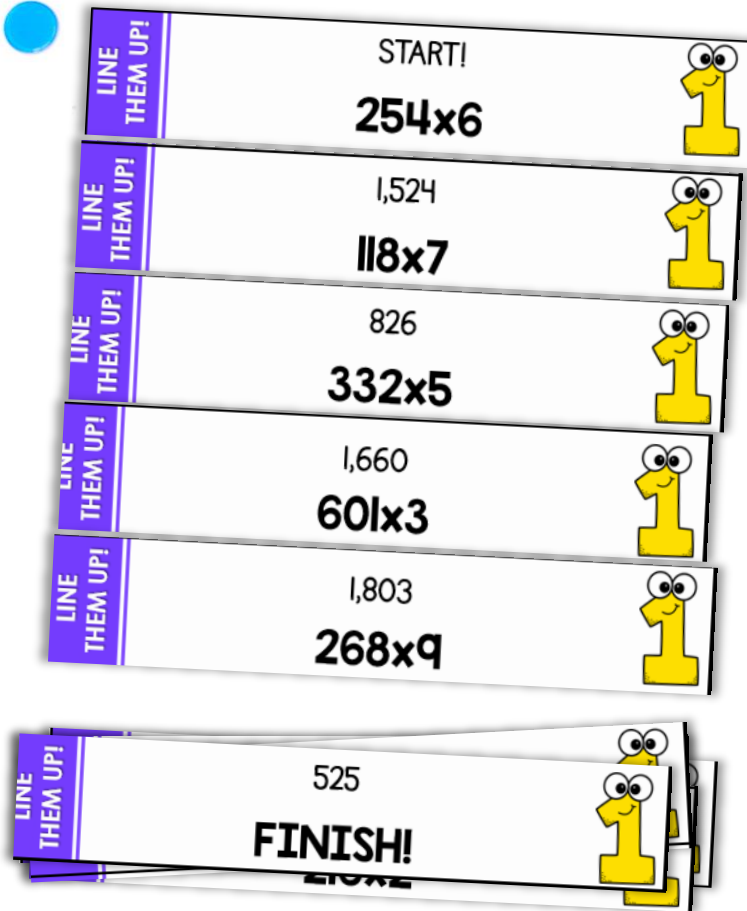
#18

$3 \times 110 =$

#17



GAME #3



HOW TO PLAY:

- Students pair up in teams.
- Students race to line up their cards in order before the other team.



GAME #4

the perfect game to play with the whole class



Click the bucket to see this game in action.

HOW TO PLAY:

1. Students answer task cards.
2. If they get it right, they drop it in the bucket.
3. Students play for a set amount of time.
4. At the end of gameplay, the teacher draws task cards out of the bucket.
5. Any student whose task card gets pulled out gets a small prize.



BUY THE BUNDLE AND SAVE BIG!

4TH GRADE MATH BUNDLE

Partial Products
Name: *ericka*
Use your knowledge of partial products to solve each equation.

1. Equations: $2 \times 5,096$
 $5000 \times 2 = 10000$
 $0 \times 2 = 0$
 $90 \times 2 = 180$
 $6 \times 2 = 12$

2. Equations: $4 \times 8,923$
 $8000 \times 4 = 32000$
 $900 \times 4 = 3600$
 $20 \times 4 = 80$
 $3 \times 4 = 12$

3. Equations: $8 \times 5,624$
 $5000 \times 8 = 40000$
 $600 \times 8 = 4800$
 $20 \times 8 = 160$
 $4 \times 8 = 32$

4. Equations: $5 \times 2,089$
 $2000 \times 5 = 10000$
 $0 \times 5 = 0$
 $80 \times 5 = 400$
 $9 \times 5 = 45$

My Space Scene
To win, you must have 10 items in your space scene.
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6000+ PAGES

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163 WORKSHEETS

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35 MATH GAMES

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