

2 DIGIT BY 2 DIGIT MULTIPLICATION



✓ GAMES
✓ ACTIVITIES
✓ WORKSHEETS

3 MINI-LESSONS

2 by 2 Digit Multiplication: Partial Products

71x56

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

Equations:

$$70 \times 50 = 3500$$

$$70 \times 6 = 420$$

$$50 \times 1 = 50$$

$$1 \times 6 = 6$$

+

3	5	0	0
	4	2	0
		5	0
			6
3	9	7	6

94x32

Equations:

$$90 \times 30 = 2700$$

$$90 \times 2 = 180$$

$$30 \times 4 = 120$$

$$4 \times 2 = 8$$

+

2	7	0	0
	1	8	0
		1	2
			8
3	0	0	8

18x25

Equations:

$$10 \times 20 = 200$$

$$10 \times 5 = 50$$

$$20 \times 8 = 160$$

$$8 \times 5 = 40$$

+

	2	0	0
	1	6	0
		3	0
		4	0
	4	8	0

2 by 2 Digit Multiplication: Area Model

24x68

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

	60	8
20	1200	160
4	240	32

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

35x71

	70	1
30	2100	30
5	350	5

	2	1	0	0
		3	5	0
			5	0
			2	5
	2	4	8	5

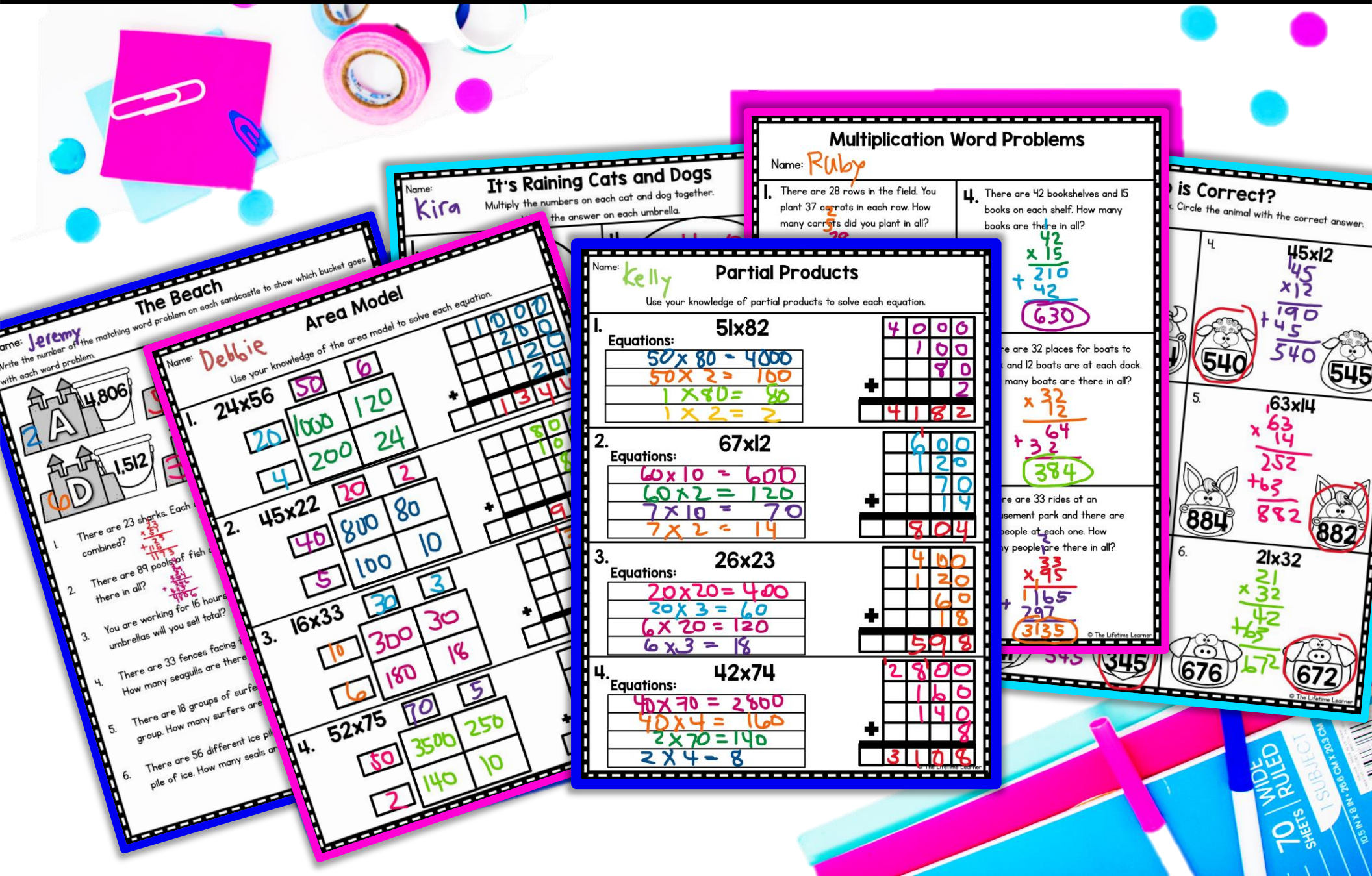
19x42

	40	2
10	400	20
9	360	18

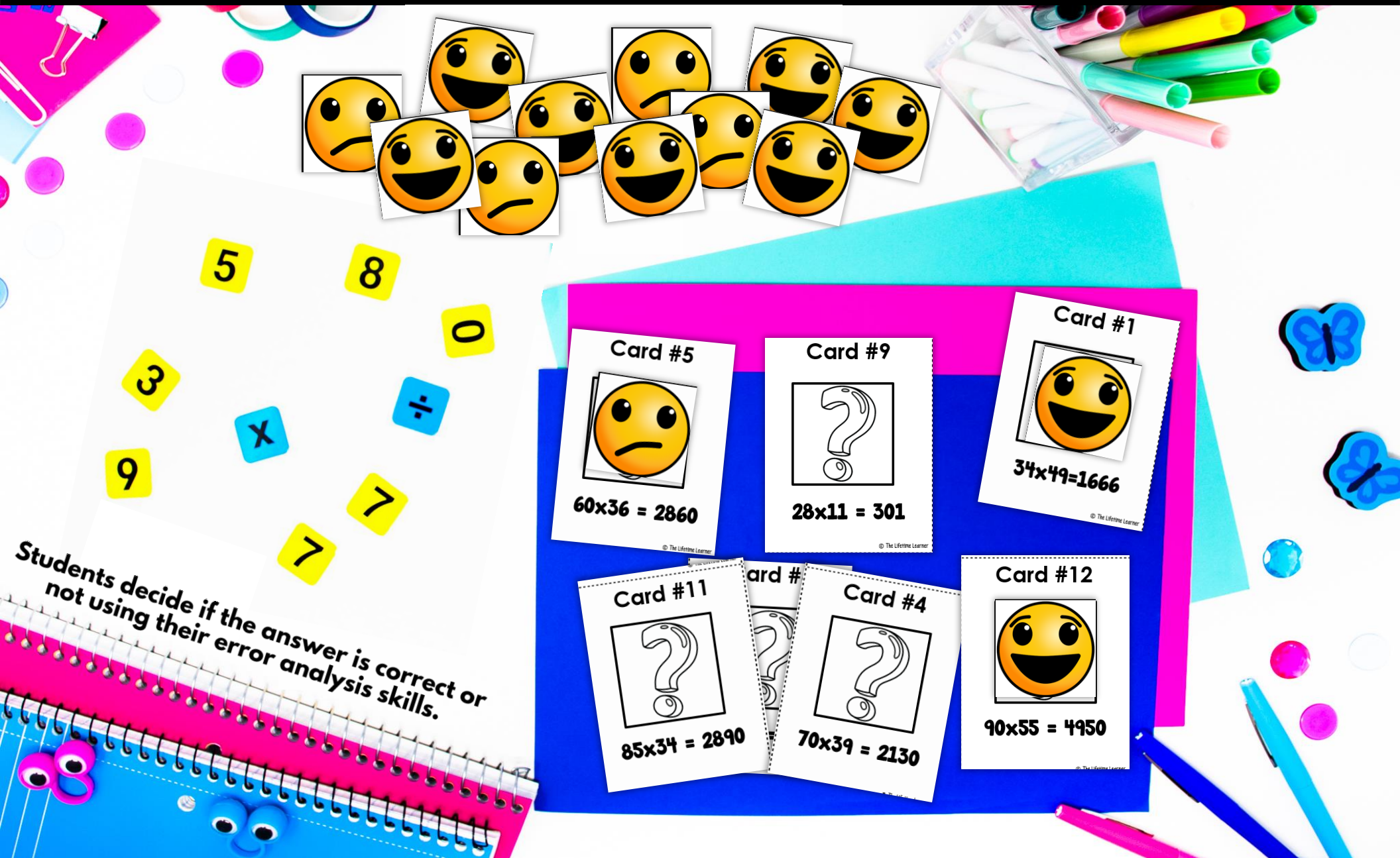
	4	0	0
	3	6	0
		2	0
		1	8
	7	9	8

- area model
- partial products
- algorithm

10 WORKSHEETS



MATH SORT



TASK CARDS

24 emoji-themed task cards

RECORDING SHEET

#1	#2	#3	#4 2024
#5	#6	#7	#8
#9	#10	#11	#12
#13	#14	#15	#16
#17	#18	#19	#20
#21	#22	#23	#24
#25	#26	#27	#28

$14 \times 18 =$



#2

$23 \times 88 =$

2024



#4

$19 \times 29 =$



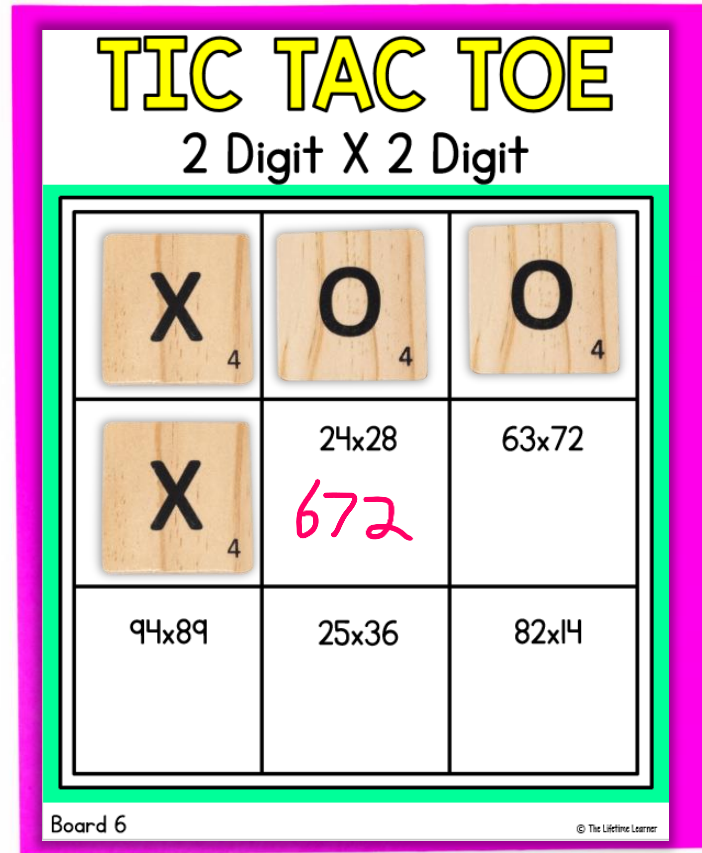
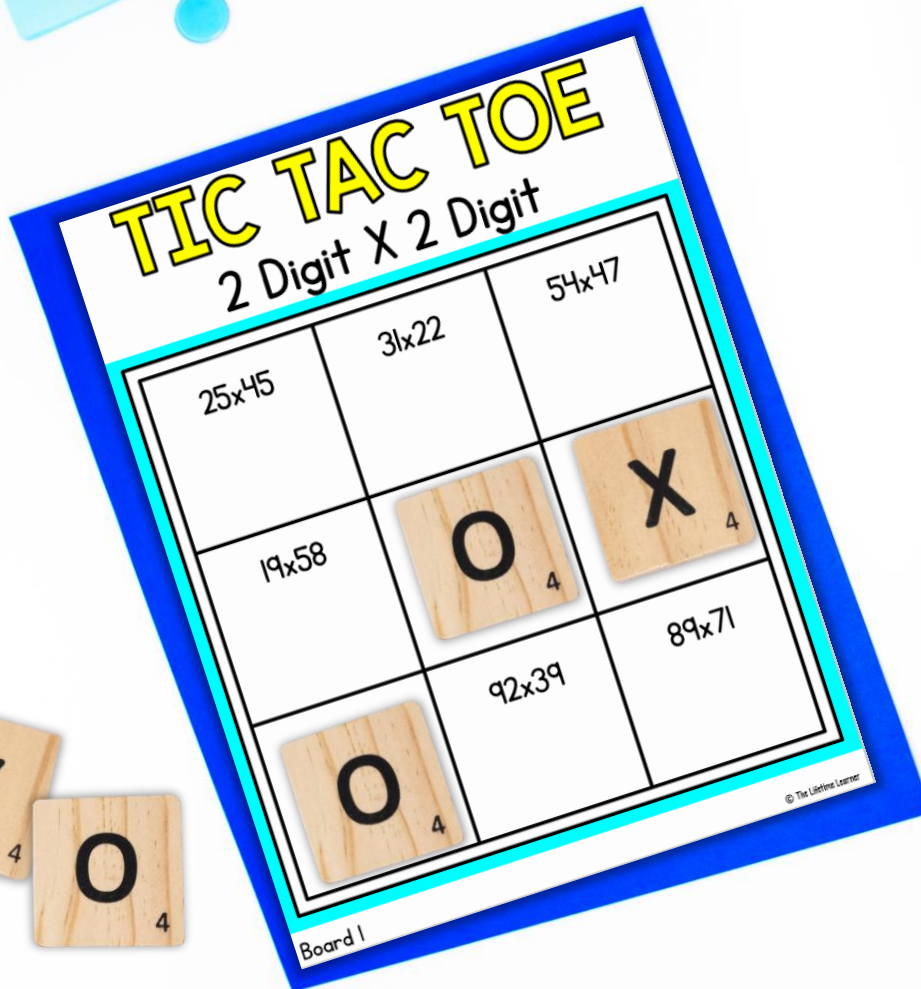
$67 \times 98 =$



#2

TIC-TAC-TOE

10 gameboards



GAME #1

Students solve all 24 task cards. At the end, they figure out if Benny or Lana got more correct answers.

RECORDING SHEET

Lana Vs. Benny: Who Wins?

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

Card #1

$$13 \times 28$$

Benny says 365

Lana says 364

Card #3

$$92 \times 63$$

Benny says 5,796

Lana says 5,696

Card #4

$$10 \times 57$$

Benny says 570

Lana says 1057

Card #2

$$24 \times 34$$

Benny says 812

Lana says 816

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.



$$46 \times 42 =$$

#5

$$41 \times 83 =$$

#6

$$53 \times 62 =$$

$$57 \times 15 =$$

855

#8

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Chance Card!

To

Chance Card!

Chance Card!

Take 1 piece from the middle.

Take a piece from the middle and give it to another player.

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GAME #3



LINE THEM UP!	START!	1
LINE THEM UP!	36×42	1
LINE THEM UP!	1,512	1
LINE THEM UP!	18×19	1
LINE THEM UP!	342	1
LINE THEM UP!	77×54	1
LINE THEM UP!	4,158	1
LINE THEM UP!	23×60	1
LINE THEM UP!	1,380	1
LINE THEM UP!	91×12	1

LINE THEM UP!	1,440	1
LINE THEM UP!	FINISH!	1

LINE THEM UP!	START!	2
LINE THEM UP!	50×88	2
LINE THEM UP!	4,400	2
LINE THEM UP!	46×92	2
LINE THEM UP!	4,232	2
LINE THEM UP!	78×59	2
LINE THEM UP!	4,602	2
LINE THEM UP!	91×12	2
LINE THEM UP!	1,092	2
LINE THEM UP!	36×42	2

LINE THEM UP!	1,440	2
LINE THEM UP!	FINISH!	2

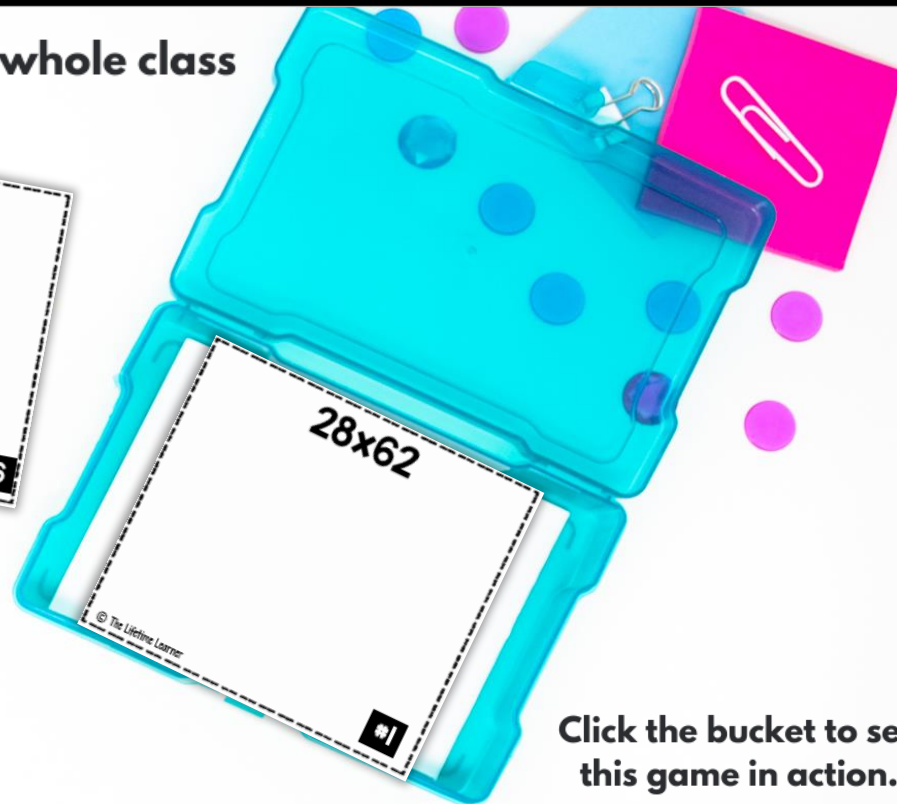
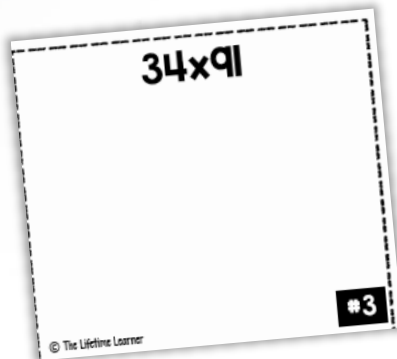
HOW TO PLAY:

- 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

GAMES **ACTIVITIES** **WORKSHEETS**

YOU MAY ALSO LIKE:

SPACE day

multi-digit multiplication
4.NBT.5



EDITABLE
ROOM TRANSFORMATION

4th GRADE
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CIRCUS day

MULTIPLICATION word problems
4.NBT.5



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ROOM TRANSFORMATION

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PARTY planner

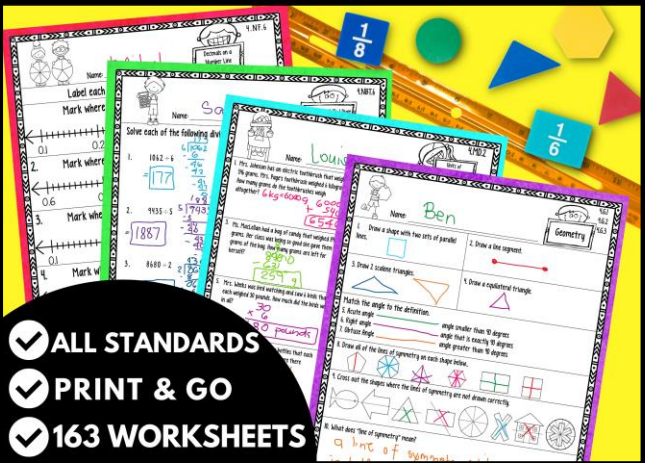
multiply & divide review
3.OA.8



EDITABLE
ROOM TRANSFORMATION

4th GRADE
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4TH GRADE WORKSHEET BUNDLE



- ✓ ALL STANDARDS
- ✓ PRINT & GO
- ✓ 163 WORKSHEETS

GRAB IT! 4TH GRADE

35 MATH GAMES



GRAB IT!
 $1\frac{4}{6} + 2\frac{1}{6} =$

THE LIFETIME LEARNER

4TH GRADE BUNDLE TASK CARDS



- ✓ DIGITAL
- ✓ PRINTABLE
- ✓ 130 GAMES

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