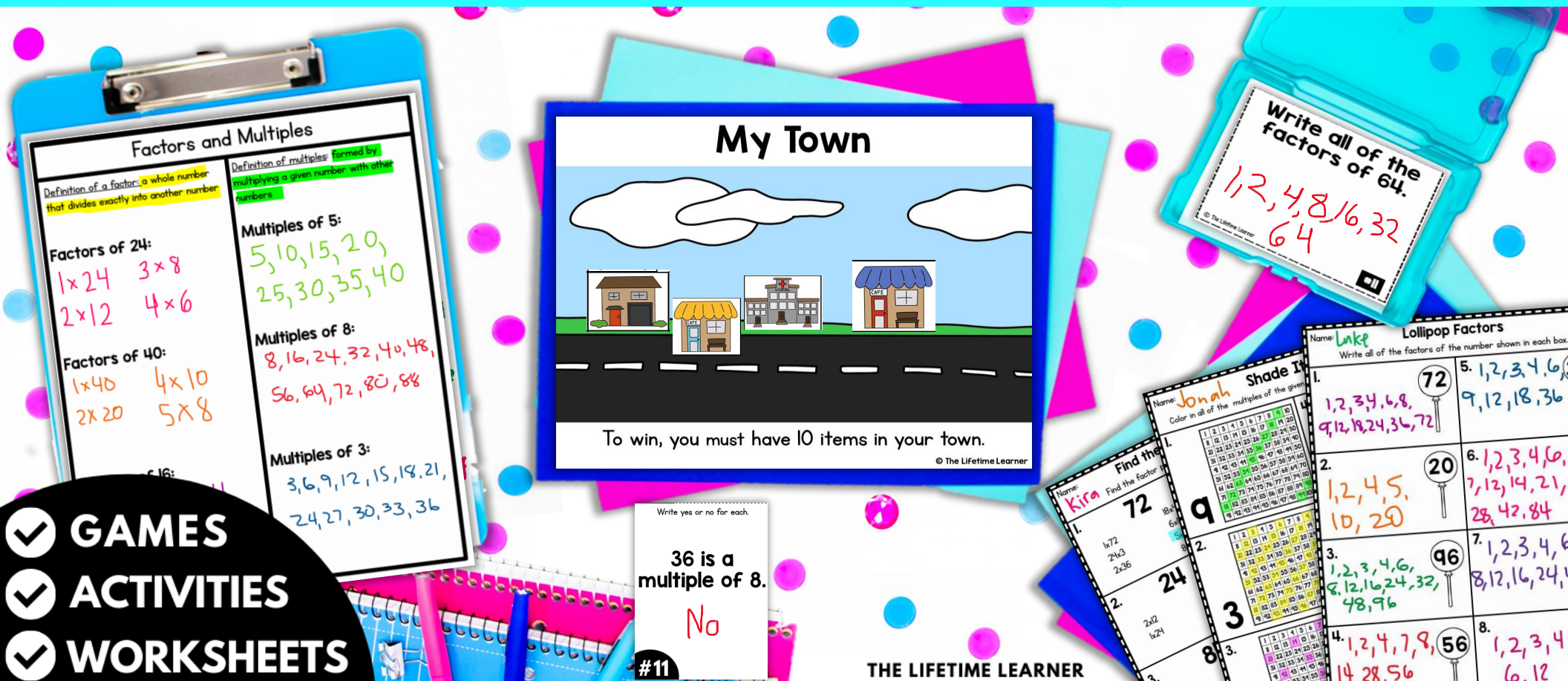
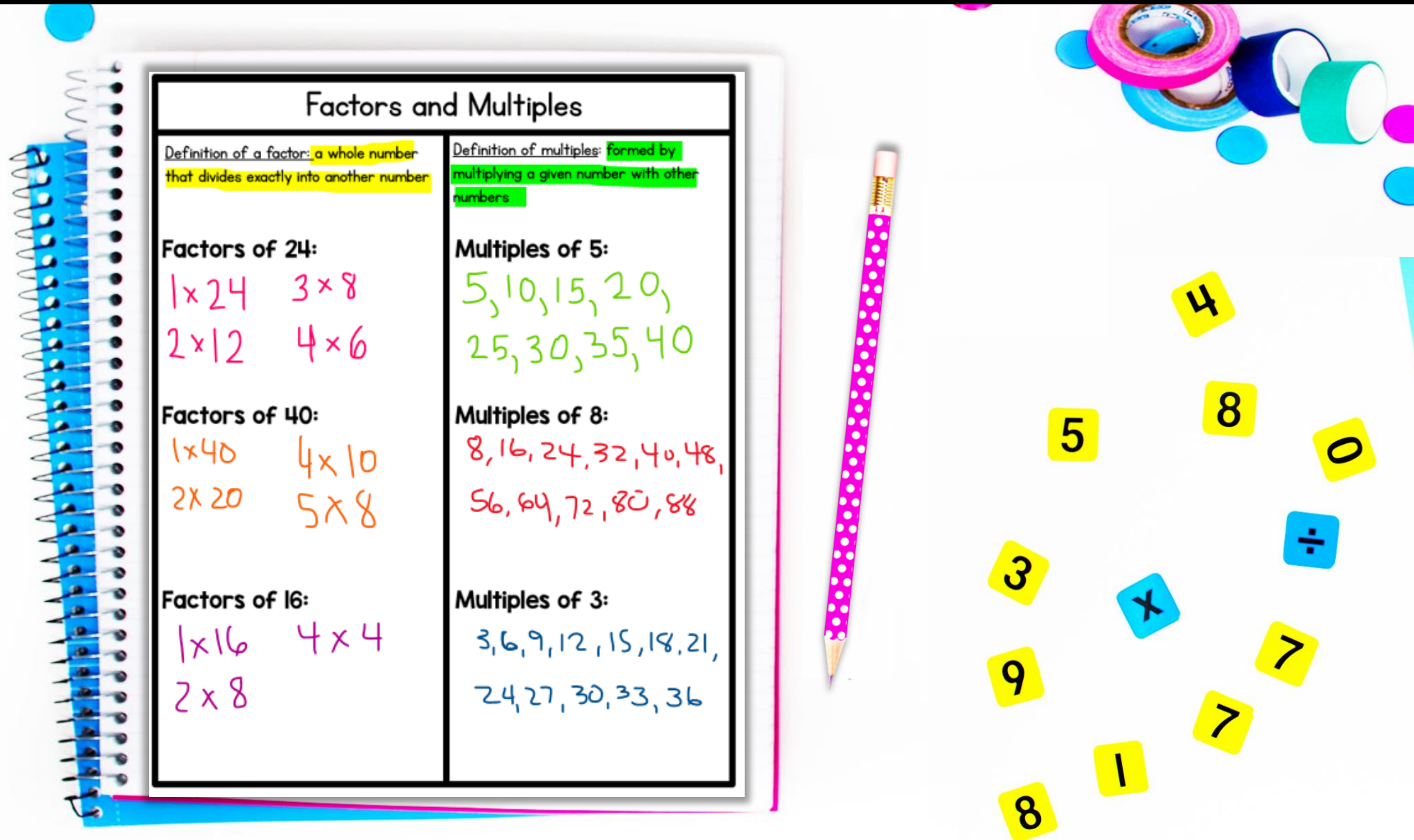


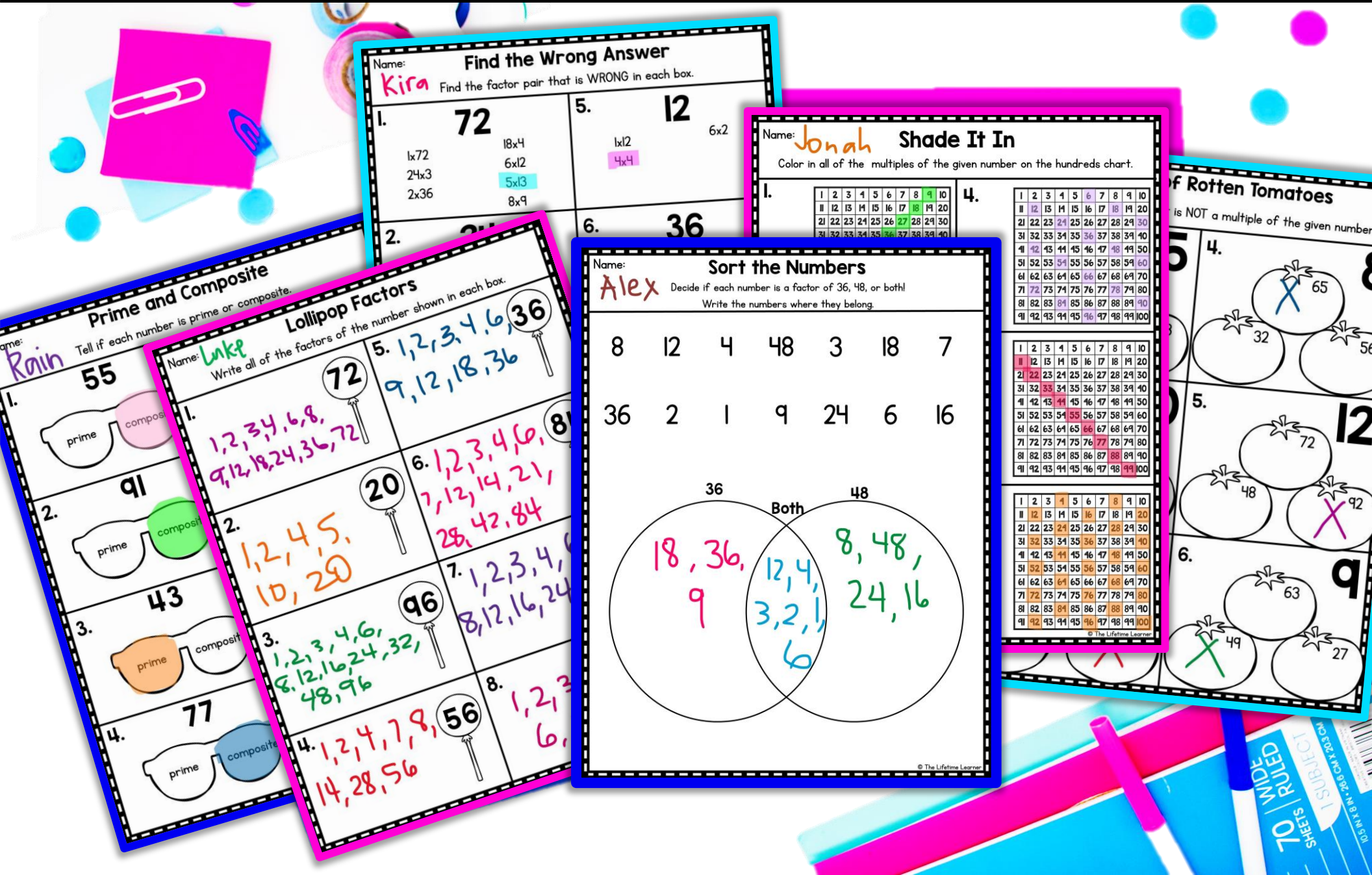
FACTORS & MULTIPLES



MINI LESSON



10 WORKSHEETS



Name: **Kira** Find the Wrong Answer

Find the factor pair that is WRONG in each box.

1. **72**

1×72	18×4
24×3	6×12
2×36	5×13
	8×9

5. **12**

1×12	6×2
4×4	

Name: **Jonah** Shade It In

Color in all of the multiples of the given number on the hundreds chart.

1. **9**

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	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

4. **6**

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	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Name: **Rain** Prime and Composite

Tell if each number is prime or composite.

1. **55**

prime composite

2. **91**

prime composite

3. **43**

prime composite

4. **77**

prime composite

Name: **Luke** Lollipop Factors

Write all of the factors of the number shown in each box.

1. **72**

1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72

2. **20**

1, 2, 4, 5, 10, 20

3. **96**

1, 2, 3, 4, 6, 8, 12, 16, 24, 32, 48, 96

4. **56**

1, 2, 4, 7, 8, 14, 28, 56

5. **36**

1, 2, 3, 4, 6, 9, 12, 18, 36

6. **8**

1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84

7. **4**

1, 2, 3, 4, 8, 12, 16, 24

8. **1**

1, 2, 3, 4, 6, 12

Name: **Alex** Sort the Numbers

Decide if each number is a factor of 36, 48, or both. Write the numbers where they belong.

8	12	4	48	3	18	7
36	2	1	9	24	6	16

36 48

Both

18, 36, 9

12, 4, 3, 2, 1, 6

8, 48, 24, 16

Name: **Jonah** Rotten Tomatoes

Color in all of the tomatoes that are NOT a multiple of the given number.

1. **65**

32

50

2. **12**

48

92

3. **9**

63

27

4. **49**

49

27

ROUND THE DICE

Roll 2 dice. Write the digits down as a 2-digit number. Write all of the factors of the number you rolled. Then, whatever number you rolled is added to your score. See if you can get more points than your partner.

Roll Some Factors!

NUMBER ROLLED	FACTORS OF NUMBER ROLLED	SCORE
24	1, 2, 3, 4, 6, 8, 12, 24	24
36	1, 2, 3, 4, 6, 9, 12, 18, 36	60
81	1, 3, 9, 27, 81	141
56	1, 2, 4, 7, 8, 14, 28, 56	197

ICE CREAM SORT

- Lay out all ice cream scoops.
- Sort them onto the correct cones.



FOUR CORNERS

Students play 4 corners...in a "multiples" edition!
Specific instructions inside the resource.

4 Corners with Multiples!

**MULTIPLE
OF 5**

4 Corners with Multiples!

**MULTIPLE
OF 10**

4 Corners with Multiples!

16

ultiples!

**MULTIPLE
OF 4**

4 Corners with Multiples!

**MULTIPLE
OF 6**

4 Corners with Multiples!

30

4 Corners with Multiples!
4 Corners with Multiples!

12

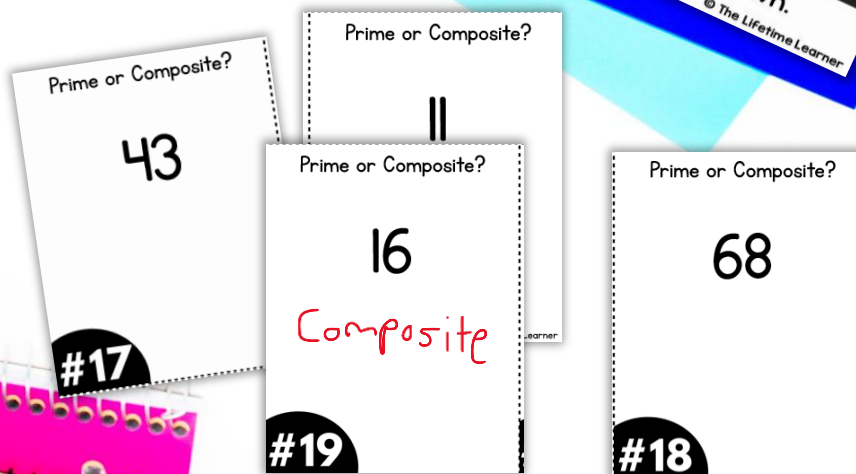
GAME #1

FOR 2-4 PLAYERS



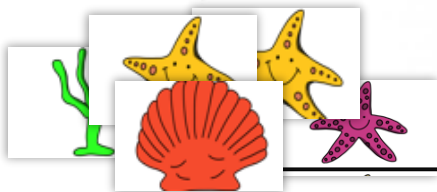
HOW TO PLAY:

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.



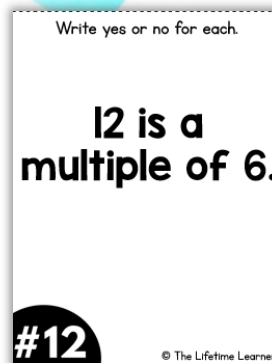
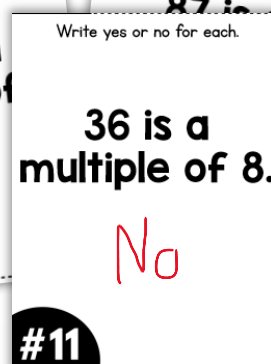
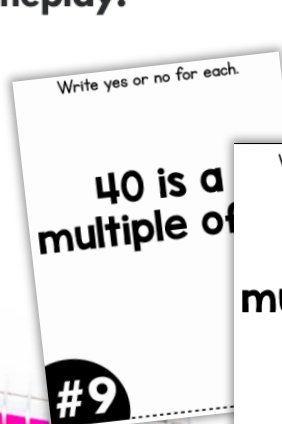
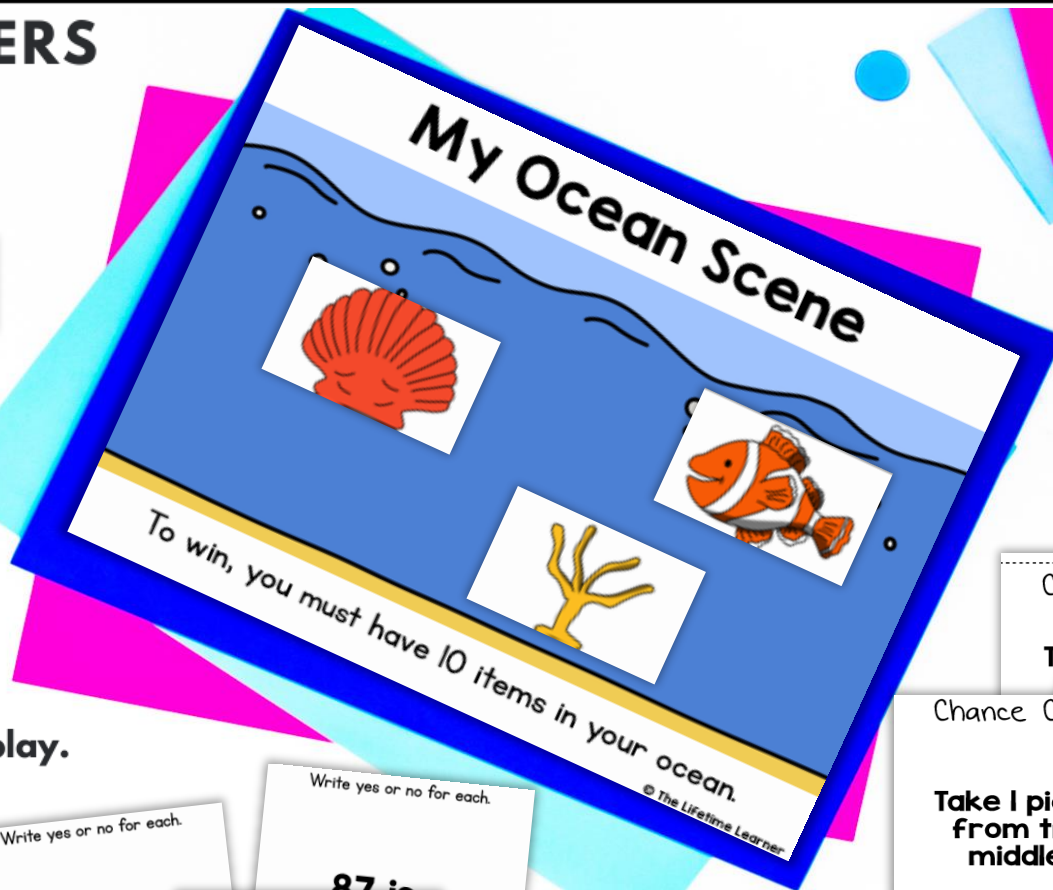
GAME #2

FOR 2-4 PLAYERS

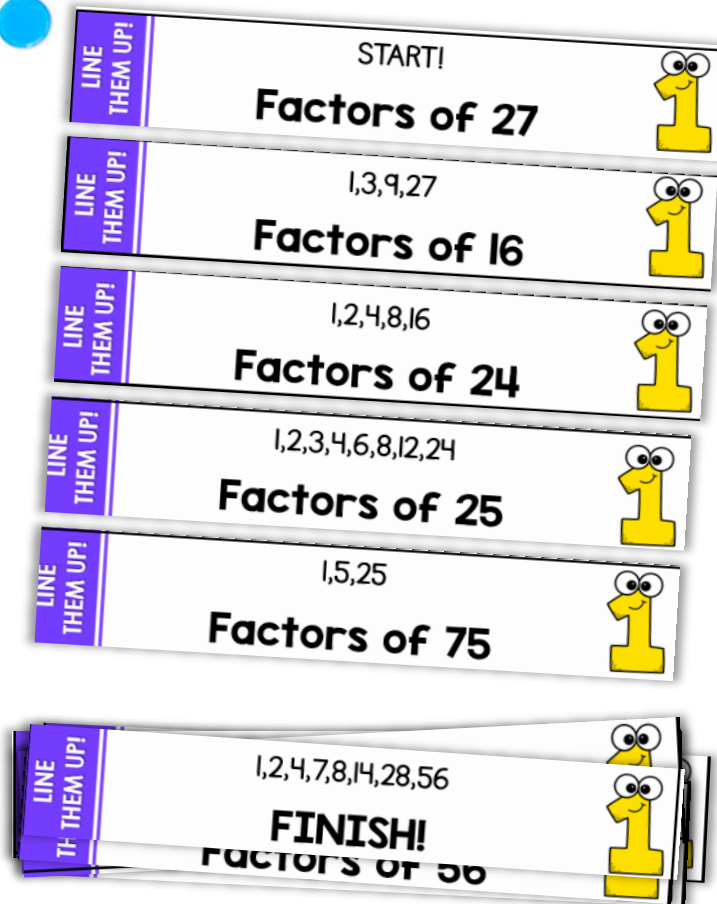


HOW TO PLAY:

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.



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

Write all of the
factors of 60.

© The Lifetime Learner

#7

Write all of the
factors of 45.

© The Lifetime Learner

#10

Write all of the
factors of 64.

© The Lifetime Learner

#11

1, 2, 4, 8, 16, 32
64

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.

Write all of the
factors of 63.

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#12



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.
© The Lifetime Learner

6000+ PAGES

GAMES **ACTIVITIES** **WORKSHEETS**

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BOOT camp factors and multiples WITHIN 100 4.OA.4



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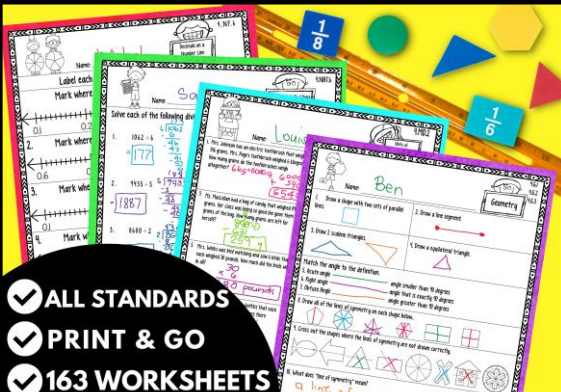
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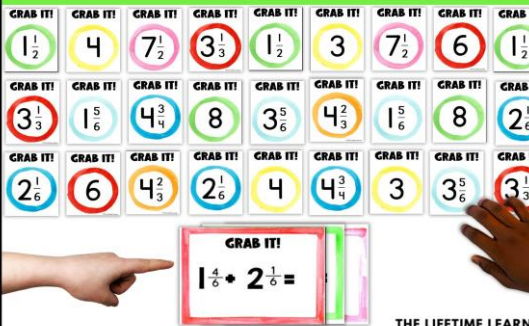
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