

# FACTORS & MULTIPLES

# U-K-N-O-W

GRADE  
4

FACTORS &  
MULTIPLES

## Skip

State the factor pair being shown by the array below.


FACTORS &  
MULTIPLES

## Draw 2

Is the following number a multiple of 4?

11

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FACTORS &  
MULTIPLES

## 3

Prime or composite?

24

FACTORS &  
MULTIPLES

## Wild

DRAW 4

State the factor pair being shown by the array below.




# MATH REVIEW GAME



# COLOR & INK FRIENDLY

## VERSIONS INCLUDED!

**FACTORS & MULTIPLES**

9

**FACTORS & MULTIPLES**

**Skip**

List the factor pair being shown by the array below.


**FACTORS & MULTIPLES**

9

List the factor pairs for number 9.

17

**FACTORS & MULTIPLES**

**Skip**

State the factor pair being shown by the array below.




# 56 DIFFERENT CARDS

## TO PRACTICE THE SKILL!

<b>FACTORS &amp; MULTIPLES</b> <b>1</b> List the Factor pairs For the number below. 24	<b>FACTORS &amp; MULTIPLES</b> <b>2</b> Is the Following number a multiple of 8? 48	<b>FACTORS &amp; MULTIPLES</b> <b>3</b> Prime or composite? 17	<b>FACTORS &amp; MULTIPLES</b> <b>4</b> State the Factor pair being shown by the array below. <input type="text"/>
<b>FACTORS &amp; MULTIPLES</b> <b>5</b> List the Factor pairs For the number below. 12	<b>FACTORS &amp; MULTIPLES</b> <b>6</b> Is the Following number a multiple of 2? 81	<b>FACTORS &amp; MULTIPLES</b> <b>7</b> Prime or composite? 37	<b>FACTORS &amp; MULTIPLES</b> <b>8</b> State the Factor pair being shown by the array below. <input type="text"/>

<b>FACTORS &amp; MULTIPLES</b> <b>9</b> List the Factor pairs For the number below. 17	<b>FACTORS &amp; MULTIPLES</b> <b>Draw 2</b> Is the Following number a multiple of 4? 17	<b>FACTORS &amp; MULTIPLES</b> <b>Reverse</b> Prime or composite? 16	<b>FACTORS &amp; MULTIPLES</b> <b>Skip</b> State the Factor pair being shown by the array below. <input type="text"/>
<b>FACTORS &amp; MULTIPLES</b> <b>9</b> List the Factor pairs For the number below. 11	<b>FACTORS &amp; MULTIPLES</b> <b>Draw 2</b> Is the Following number a multiple of 7? 21	<b>FACTORS &amp; MULTIPLES</b> <b>Reverse</b> Prime or composite? 36	<b>FACTORS &amp; MULTIPLES</b> <b>Skip</b> State the Factor pair being shown by the array below. <input type="text"/>

<b>FACTORS &amp; MULTIPLES</b> <b>1</b> List the Factor pairs For the number below. 42	<b>FACTORS &amp; MULTIPLES</b> <b>2</b> Is the Following number a multiple of 6? 42	<b>FACTORS &amp; MULTIPLES</b> <b>3</b> Prime or composite? 11	<b>FACTORS &amp; MULTIPLES</b> <b>4</b> State the Factor pair being shown by the array below. <input type="text"/>
<b>FACTORS &amp; MULTIPLES</b> <b>5</b> List the Factor pairs For the number below. 20	<b>FACTORS &amp; MULTIPLES</b> <b>6</b> Is the Following number a multiple of 5? 72	<b>FACTORS &amp; MULTIPLES</b> <b>7</b> Prime or composite? 23	<b>FACTORS &amp; MULTIPLES</b> <b>8</b> State the Factor pair being shown by the array below. <input type="text"/>

<b>FACTORS &amp; MULTIPLES</b> <b>1</b> List the Factor pairs For the number below. 31	<b>FACTORS &amp; MULTIPLES</b> <b>2</b> Is the Following number a multiple of 9? 56	<b>FACTORS &amp; MULTIPLES</b> <b>3</b> Prime or composite? 24	<b>FACTORS &amp; MULTIPLES</b> <b>4</b> State the Factor pair being shown by the array below. <input type="text"/>
<b>FACTORS &amp; MULTIPLES</b> <b>5</b> List the Factor pairs For the number below. 37	<b>FACTORS &amp; MULTIPLES</b> <b>6</b> Is the Following number a multiple of 9? 63	<b>FACTORS &amp; MULTIPLES</b> <b>7</b> Prime or composite? 12	<b>FACTORS &amp; MULTIPLES</b> <b>8</b> State the Factor pair being shown by the array below. <input type="text"/>

<b>FACTORS &amp; MULTIPLES</b> <b>9</b> List the Factor pairs For the number below. 30	<b>FACTORS &amp; MULTIPLES</b> <b>Draw 2</b> Is the Following number a multiple of 5? 35	<b>FACTORS &amp; MULTIPLES</b> <b>Reverse</b> Prime or composite? 7	<b>FACTORS &amp; MULTIPLES</b> <b>Skip</b> State the Factor pair being shown by the array below. <input type="text"/>
<b>FACTORS &amp; MULTIPLES</b> <b>9</b> List the Factor pairs For the number below. 36	<b>FACTORS &amp; MULTIPLES</b> <b>Draw 2</b> Is the Following number a multiple of 4? 11	<b>FACTORS &amp; MULTIPLES</b> <b>Reverse</b> Prime or composite? 5	<b>FACTORS &amp; MULTIPLES</b> <b>Skip</b> State the Factor pair being shown by the array below. <input type="text"/>

<b>FACTORS &amp; MULTIPLES</b> <b>1</b> List the Factor pairs For the number below. 23	<b>FACTORS &amp; MULTIPLES</b> <b>2</b> Is the Following number a multiple of 3? 11	<b>FACTORS &amp; MULTIPLES</b> <b>3</b> Prime or composite? 27	<b>FACTORS &amp; MULTIPLES</b> <b>4</b> State the Factor pair being shown by the array below. <input type="text"/>
<b>FACTORS &amp; MULTIPLES</b> <b>5</b> List the Factor pairs For the number below. 7	<b>FACTORS &amp; MULTIPLES</b> <b>6</b> Is the Following number a multiple of 3? 36	<b>FACTORS &amp; MULTIPLES</b> <b>7</b> Prime or composite? 63	<b>FACTORS &amp; MULTIPLES</b> <b>8</b> State the Factor pair being shown by the array below. <input type="text"/>

<b>FACTORS &amp; MULTIPLES</b> <b>Wild<sup>1</sup></b> List the Factor pairs For the number below. 18	<b>FACTORS &amp; MULTIPLES</b> <b>Wild<sup>2</sup></b> Is the Following number a multiple of 2? 54	<b>FACTORS &amp; MULTIPLES</b> <b>Wild<sup>3</sup></b> Prime or composite? 61	<b>FACTORS &amp; MULTIPLES</b> <b>Wild<sup>4</sup></b> State the Factor pair being shown by the array below. <input type="text"/>
<b>FACTORS &amp; MULTIPLES</b> <b>Wild<sup>1</sup> DRAW 4</b> List the Factor pairs For the number below. 16	<b>FACTORS &amp; MULTIPLES</b> <b>Wild<sup>2</sup> DRAW 4</b> Is the Following number a multiple of 8? 37	<b>FACTORS &amp; MULTIPLES</b> <b>Wild<sup>3</sup> DRAW 4</b> Prime or composite? 13	<b>FACTORS &amp; MULTIPLES</b> <b>Wild<sup>4</sup> DRAW 4</b> State the Factor pair being shown by the array below. <input type="text"/>



# INCLUDES:

- ✓ 56 COLOR CARDS
- ✓ 56 INK-FRIENDLY CARDS
- ✓ DIRECTIONS FOR PLAYING
- ✓ ANSWER KEY
- ✓ ACCOUNTABILITY PAGES
- ✓ "CHEAT SHEET"

**U-KNOW**  
Recording Sheet

name: \_\_\_\_\_  
date: \_\_\_\_\_  
topic: \_\_\_\_\_

Color: \_\_\_\_\_ Card Type: \_\_\_\_\_  
Answer: \_\_\_\_\_ Work

Color: \_\_\_\_\_ Card Type: \_\_\_\_\_  
Answer: \_\_\_\_\_ Work

Color: \_\_\_\_\_ Card Type: \_\_\_\_\_  
Answer: \_\_\_\_\_ Work

Color: \_\_\_\_\_ Card Type: \_\_\_\_\_  
Answer: \_\_\_\_\_ Work

### FACTORS & MULTIPLES CHEAT SHEET

<p><b>FACTOR</b> A number that is multiplied by another number to find a product</p> <p>EX. FACTORS OF 42: 1x42 2x21 3x14 6x7</p> <p><b>PRIME</b> prime number is EXACTLY two factors.</p> <p>13 is PRIME</p> <p>FACTORS OF 13: 1x13</p>	<p><b>MULTIPLE</b> The product of one number multiplied by another number</p> <p>EX. MULTIPLES OF 5: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60</p> <p><b>COMPOSITE</b> A composite number has MORE THAN two factors.</p> <p>EX. 20 is COMPOSITE</p> <p>FACTORS of 20 1x20, 2x10, 4x5</p>	<p><b>DIVISIBILITY RULES</b> A number is divisible by..</p> <p><b>2</b> if the last digit is an <b>EVEN</b> number or a <b>ZERO</b>.</p> <p><b>3</b> if the <b>SUM</b> of the digits is divisible by <b>THREE</b>.</p> <p><b>4</b> if the last two digits are divisible by <b>FOUR</b>.</p> <p><b>5</b> if the last digit is a <b>ZERO</b> or a <b>FIVE</b>.</p> <p><b>6</b> if the number is divisible by both <b>TWO</b> and <b>THREE</b>.</p> <p><b>8</b> if the last three digits are divisible by <b>EIGHT</b>.</p> <p><b>9</b> if the <b>SUM</b> of the digits is divisible by <b>NINE</b>.</p> <p><b>10</b> if the last digit is a <b>ZERO</b>.</p>
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### FACTORS & MULTIPLES U-KNOW ANSWER KEY

	BLUE	GREEN	RED	YELLOW
<b>F:</b>	1x24, 2x12, 3x8, 4x6	1x42, 2x21, 3x14, 6x7	1x31	1x23
<b>2:</b>	yes	yes	no	no
<b>3:</b>	prime	prime	composite	composite
<b>4:</b>	2x4=8	2x3=6	2x5=10	4x6=24
<b>5:</b>	1x12, 2x6, 3x4	1x20, 2x10, 4x5	1x37	1x7
<b>6:</b>	no	no	yes	yes
<b>7:</b>	prime	prime	composite	composite
<b>8:</b>	3x4=12	2x2=4	3x5=15	3x3=9
<b>9:</b>	1x17	1x11	1x30, 2x15, 3x10, 5x6	1x36, 2x18, 3x12, 4x9, 6x6
<b>D2:</b>	no	yes	yes	no
<b>R:</b>	composite	composite	prime	prime
<b>S:</b>	2x6=12	4x5=20	3x6=18	4x4=16
<b>WILD (DRAW 4)</b>				
<b>1</b>	1x18, 2x9, 3x6			
<b>2</b>	no			
<b>3</b>	prime			
<b>4</b>	5x5=25			
	3x7=21			



# YOUR STUDENTS WILL BE BEGGING TO PLAY!!

USE FOR CENTERS, EARLY FINISHERS, SMALL GROUPS & MORE. STUDENTS HAVE ASKED TO PLAY AT LUNCH AND EVEN DURING RECESS!!

**FACTORS & MULTIPLES**

1

List the factor pairs for the number below.

**FACTORS & MULTIPLES**

**Wild<sup>4</sup>**

State the factor pair being shown by the array below.




"I LOVE THESE GAMES! I HAVE ALMOST ALL OF THEM. MY STUDENTS ARE ALWAYS ENGAGED, AND ONCE THEY ARE PRINTED AND LAMINATED, THEY LAST FOR YEARS! :)"



"FANTASTIC RESOURCE! EASY TO PUT TOGETHER. GREAT TEACHER TABLE, THEN INDEPENDENT STATION. LOVE THESE GAMES!"