

# FACTORS & MULTIPLES

## MAZES, RIDDLES & COLORING PAGES

### Greatest Common Factor Maze!

Directions: Find the GCF of each set of numbers. Use your answers to navigate through the maze. **SHOW ALL STEPS!**

Start	12, 54	35, 28	12, 30
15, 40	5	9	13

### Greatest Common Factor Riddle!

Directions: Find the GCF of each set of numbers. Then write the letter above the line that the answer corresponds to.

What do you call a belt with a watch on it?



### Greatest Common Factor Coloring Page!

Find the GCF of each set of numbers. Find your answer in one of the three answer boxes below the problem. Find the problem number on the picture and color each section with the color that corresponds to your answer.



1. 12, 66	2. 18, 30
3. Yellow	2. Orange
6. Red	6. Orange
4. 8, 32	5. 24, 60
4. Green	

### Least Common Multiple Maze!

Directions: Find the LCM of each set of numbers. Use your solutions to navigate through the maze. **SHOW ALL STEPS!**

24, 36	Start	27, 18	15, 20
7, 10			

### Least Common Multiple Riddle!

Directions: Find the LCM of each set of numbers. Then write the letter above the line that the answer corresponds to.

What do you get when you cross a snowman with a vampire?

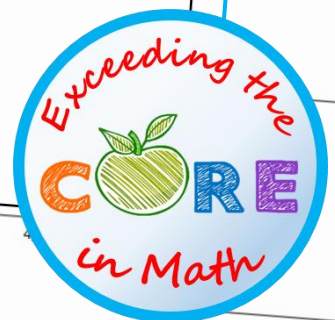


### Least Common Multiple Coloring Page!

Find the LCM of each set of numbers. Find your answer in one of the three answer boxes below the problem. Find the problem number on the picture and color each section with the color that corresponds to your answer.



1. 14, 21	2. 2, 6	3. 4, 6
28 Red	63 Orange	42 Blue
6 Green	12 Yellow	40 Purple



# Greatest Common Factor Maze!

Directions: Find the GCF of each set of numbers. Use your answers to navigate through the maze.

ALL STEPS!

Start

15, 40

12, 54

35, 28

SHOW

# Least Common Multiple Maze!

Directions: Find the LCM of each set of numbers. Use your solutions to navigate through the maze.

SHOW ALL STEPS!

Start

7, 10

27, 18

15, 20

# Greatest Common Factor Riddle!

Directions: Find the GCF of each set of numbers. Then write the letter above the line that corresponds to.

What do you call a belt with a watch on it?

10 12 1 3 8 4 18 150 14 30

M	24, 18	E	90, 8	T	28, 1
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# Least Common Multiple Riddle!

Directions: Find the LCM of each set of numbers. Then write the letter above the line that the answer corresponds to.

What do you get when you cross a snowman with a vampire?

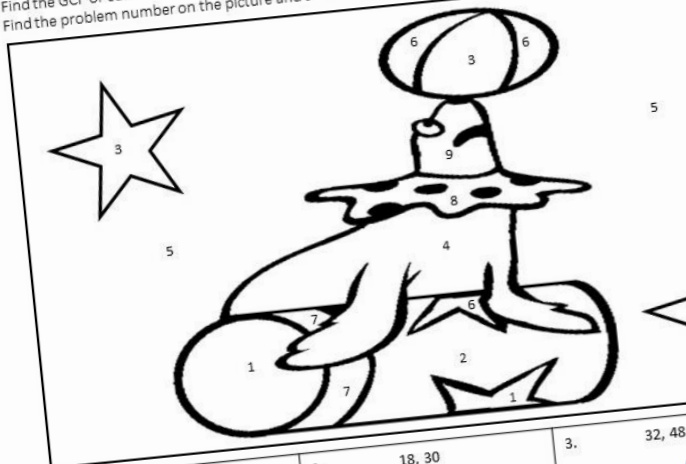


150 20 105 100 30 18 84 56 96

E	35, 12	T	14, 8	R	4, 5
---	--------	---	-------	---	------

# Greatest Common Factor Coloring Page!

Find the GCF of each set of numbers. Find your answer in one of the three answer boxes below the problem. Find the problem number on the picture and color each section with the color that corresponds to your answer.



1. 12, 66	2. 18, 30	3. 32, 48
3 Yellow	2 Orange	6 Red
4. 8, 32	5. 24, 60	6. 3, 12
12 Yellow	4 Orange	8 Blue
7. 21, 24, 27	8. 2, 18, 26	9. 6, 12
105 Brown	35 Blue	70 Red
14 Orange	27 Green	63 Blue
60 Red	30 Yellow	36 Brown
40 Red	20 Yellow	30 Orange
18 Red	45 Brown	36 Green
45 Brown	27 Red	90 Orange

# Least Common Multiple Coloring Page!

Find the LCM of each set of numbers. Find your answer in one of the three answer boxes below the problem. Find the problem number on the picture and color each section with the color that corresponds to your answer.



1. 14, 21	2. 2, 6	3. 4, 5, 10
28 Red	63 Orange	42 Blue
4. 3, 5, 7	5. 7, 9	6. 6, 15
105 Brown	35 Blue	70 Red
14 Orange	27 Green	63 Blue
60 Red	30 Yellow	36 Brown
40 Red	20 Yellow	30 Orange
18 Red	45 Brown	36 Green
45 Brown	27 Red	90 Orange



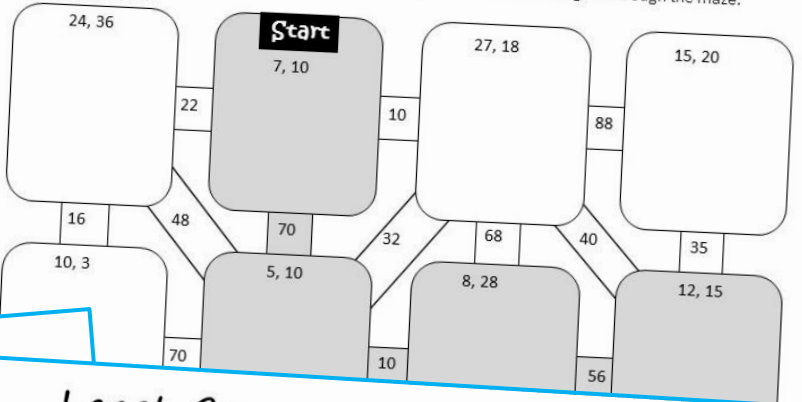
# Greatest Common Factor Maze!

Directions: Find the GCF of each set of numbers. Use your answers to navigate through the maze.  
ALL STEPS!



# Least Common Multiple Maze!

Directions: Find the LCM of each set of numbers. Use your solutions to navigate through the maze.  
SHOW ALL STEPS!



# Greatest Common Factor Riddle!

Directions: Find the GCF of each set of numbers. Then write the letter above the line that the answer corresponds to.

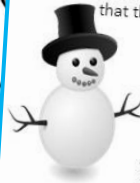
What do you call a belt with a watch on it?

A	W	A	I	S	T	O	F	T	I
10	12	1	3	8	4	18	150	14	30
M	24, 18	E	90, 8	T	28, 12				
6		2		4					

# Least Common Multiple Riddle!

Directions: Find the LCM of each set of numbers. Then write the letter above the line that the answer corresponds to.

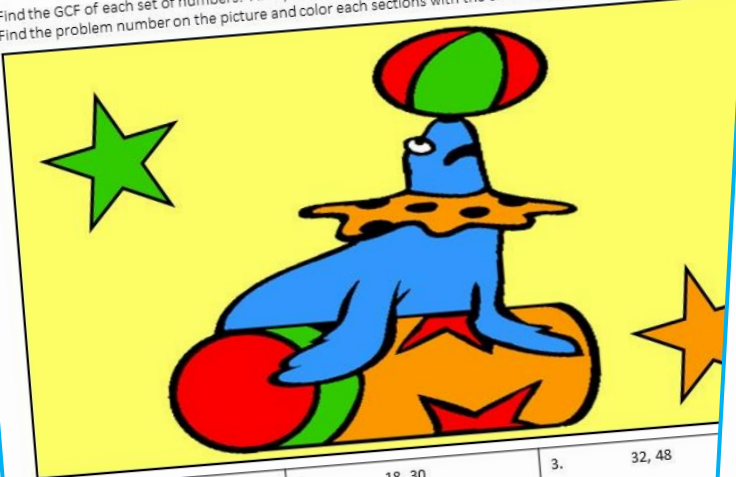
What do you get when you cross a snowman with a vampire?



F	R	O	S	T	B	I	T	E
150	20	105	100	30	18	84	56	96

# Greatest Common Factor Coloring Page!

Find the GCF of each set of numbers. Find your answer in one of the three answer boxes below the problem. Find the problem number on the picture and color each section with the color that corresponds to your answer.



1. 12, 66	2. 18, 30	3. 32, 48
3 Yellow	2 Orange	6 Red
6 Orange	4 Green	10 Yellow
9 Red	16 Green	
4. 8, 32	5. 24, 60	6. 3, 12, 18
2 Red	4 Orange	8 Blue
12 Yellow	60 Red	8 Green
6 Blue	3 Red	
7. 21, 24, 27	8. 2, 18, 26	9. 21, 35
12 Blue	9 Yellow	3 Green
9 Yellow	2 Orange	13 Red
5 Green		

# Least Common Multiple Coloring Page!

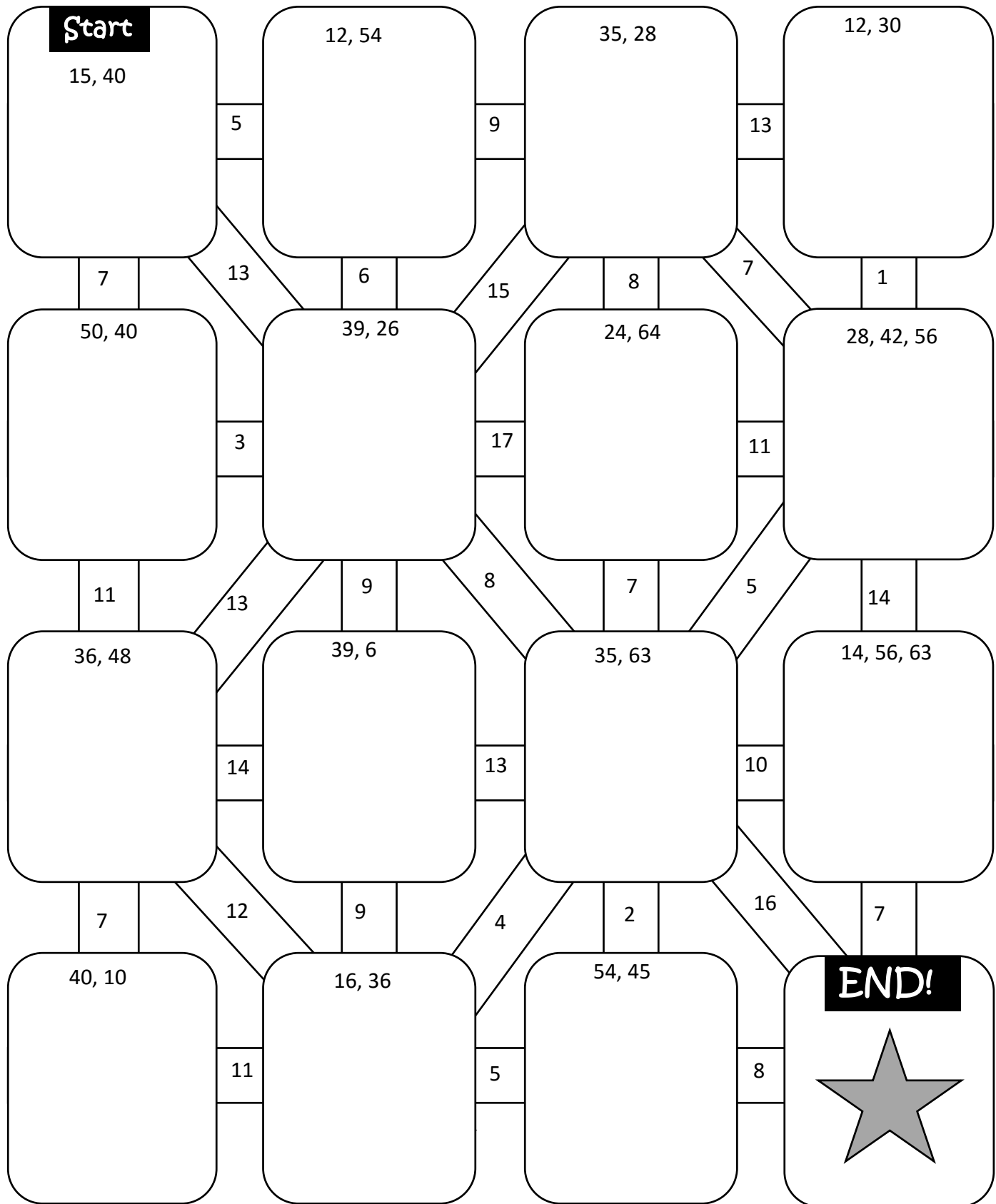
Find the LCM of each set of numbers. Find your answer in one of the three answer boxes below the problem. Find the problem number on the picture and color each section with the color that corresponds to your answer.



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28 Red	63 Orange	42 Blue
6 Green	12 Yellow	40 Brown
40 Green	20 Orange	35 Red
4. 3, 5, 7	5. 7, 9	6. 6, 15
105 Brown	35 Blue	70 Red
14 Orange	27 Green	63 Blue
60 Red	30 Yellow	36 Brown
7. 5, 6	8. 6, 9	9. 3, 9, 15
40 Red	20 Yellow	30 Orange
18 Red	45 Brown	36 Green
45 Brown	27 Red	90 Orange

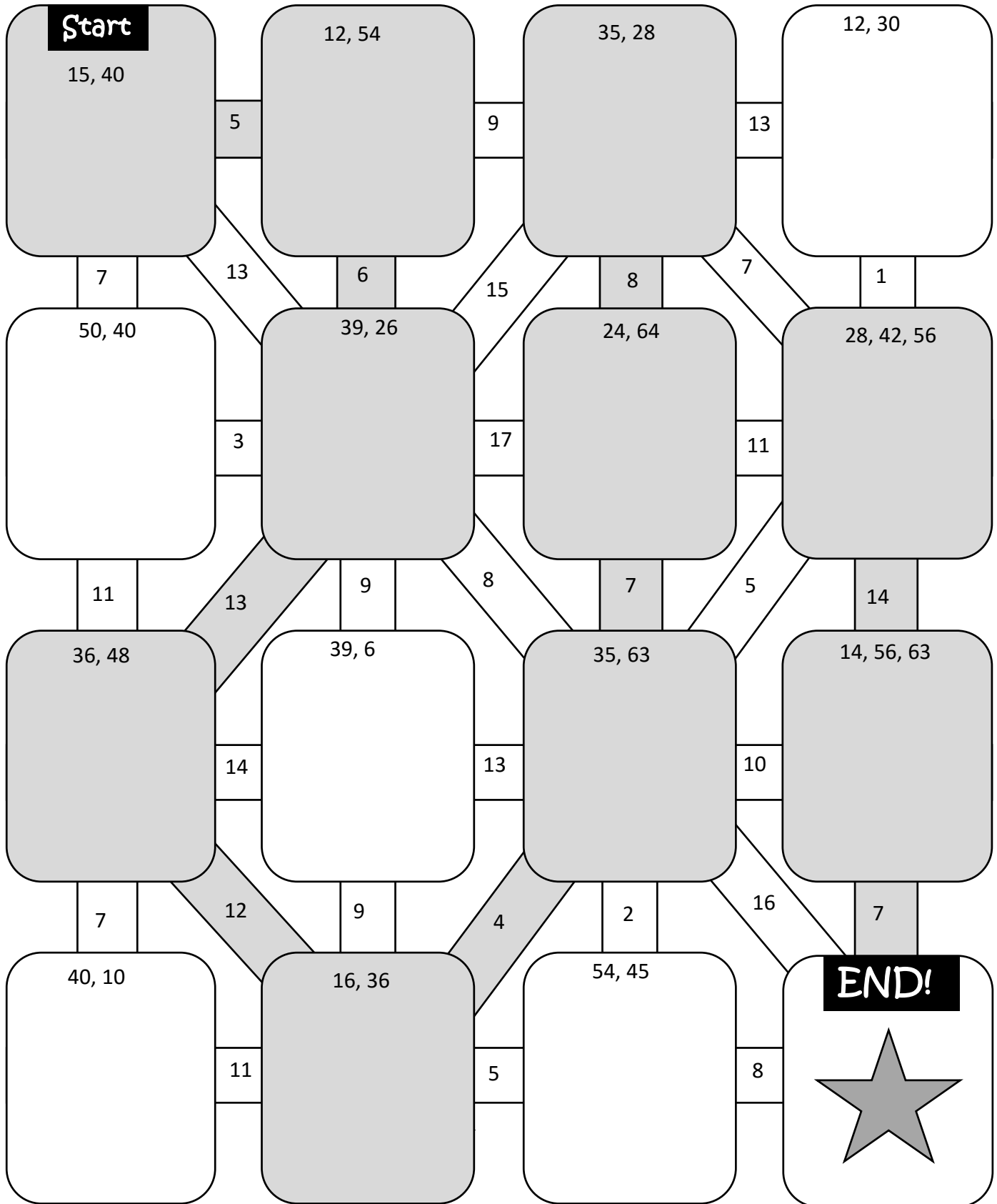
# Greatest Common Factor Maze!

**Directions:** Find the GCF of each set of numbers . Use your answers to navigate through the maze. **SHOW ALL STEPS!**



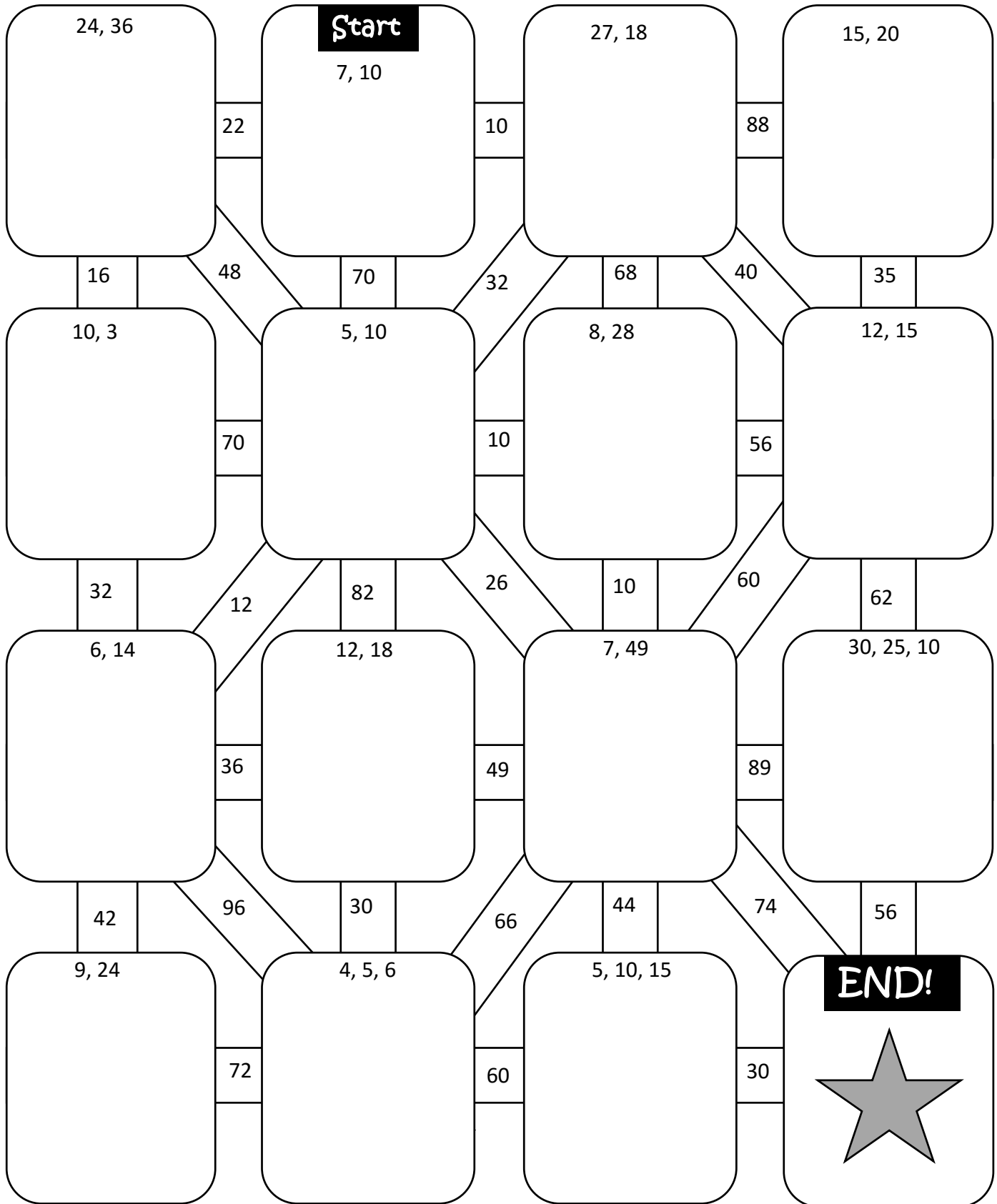
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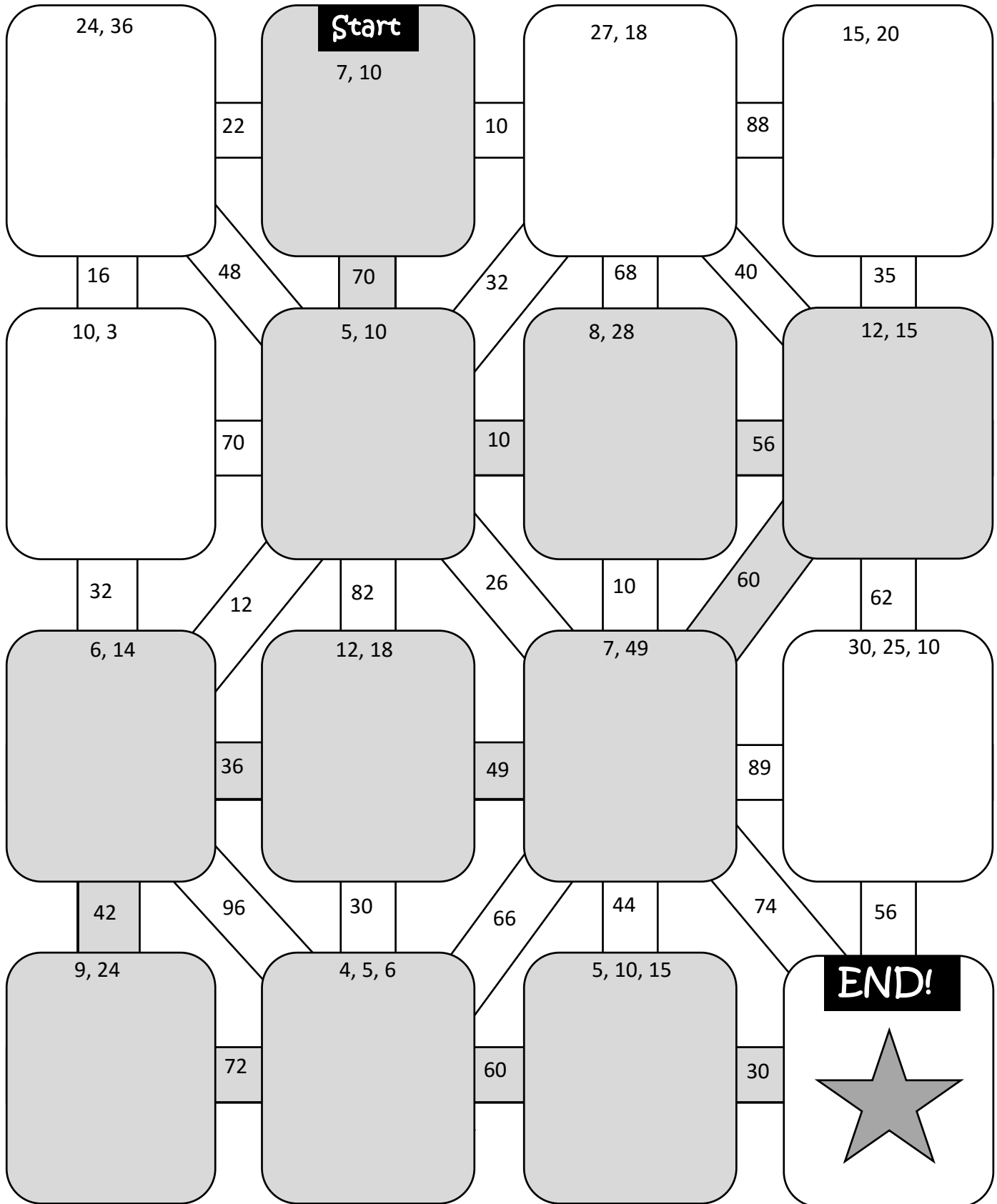
# Least Common Multiple Maze!

**Directions:** Find the LCM of each set of numbers. Use your solutions to navigate through the maze.  
**SHOW ALL STEPS!**



# Least Common Multiple Maze!

**Directions:** Find the LCM of each set of numbers. Use your solutions to navigate through the maze.  
**SHOW ALL STEPS!**



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

# Greatest Common Factor Riddle!

**Directions:** Find the GCF of each set of numbers. Then write the letter above the line that the answer corresponds to.

What do you call a belt with a watch on it?



10      12      1      3      8      4      18      150      14      30      6      2 .

<b>M</b> 24,18	<b>E</b> 90,8	<b>T</b> 28,12
<b>I</b> 90,30	<b>A</b> 180, 1750	<b>O</b> 36,54
<b>S</b> 72,40	<b>F</b> 300,450	<b>I</b> 21, 27
<b>W</b> 84, 60	<b>T</b> 98,28	<b>A</b> 189,20



# Greatest Common Factor Riddle!

**Directions:** Find the GCF of each set of numbers. Then write the letter above the line that the answer corresponds to.

What do you call a belt with a watch on it?



$\frac{A}{10}$      $\frac{W}{12}$      $\frac{A}{1}$      $\frac{I}{3}$      $\frac{S}{8}$      $\frac{T}{4}$      $\frac{O}{18}$      $\frac{F}{150}$      $\frac{T}{14}$      $\frac{I}{30}$      $\frac{M}{6}$      $\frac{E}{2}$  .

<b>M</b> 24,18  6	<b>E</b> 90,8  2	<b>T</b> 28,12  4
<b>I</b> 90,30  30	<b>A</b> 180, 1750  10	<b>O</b> 36,54  18
<b>S</b> 72,40  8	<b>F</b> 300,450  150	<b>I</b> 21, 27  3
<b>W</b> 84, 60  12	<b>T</b> 98,28  14	<b>A</b> 189,20  1

# Least Common Multiple Riddle!

**Directions:** Find the LCM of each set of numbers. Then write the letter above the line that the answer corresponds to.



What do you get when you cross a snowman with a vampire?



150      20      105      100      30      18      84      56      96

<b>E</b> 35, 12	<b>T</b> 14, 8	<b>R</b> 4, 5
<b>S</b> 25, 20	<b>T</b> 6, 10	<b>O</b> 21, 35
<b>I</b> 4, 21	<b>F</b> 15, 50	<b>B</b> 9, 6

# Least Common Multiple Riddle!

**Directions:** Find the LCM of each set of numbers. Then write the letter above the line that the answer corresponds to.



What do you get when you cross a snowman with a vampire?



$$\frac{F}{150}$$

$$\frac{R}{20}$$

$$\frac{O}{105}$$

$$\frac{S}{100}$$

$$\frac{T}{30}$$

$$\frac{B}{18}$$

$$\frac{I}{84}$$

$$\frac{T}{56}$$

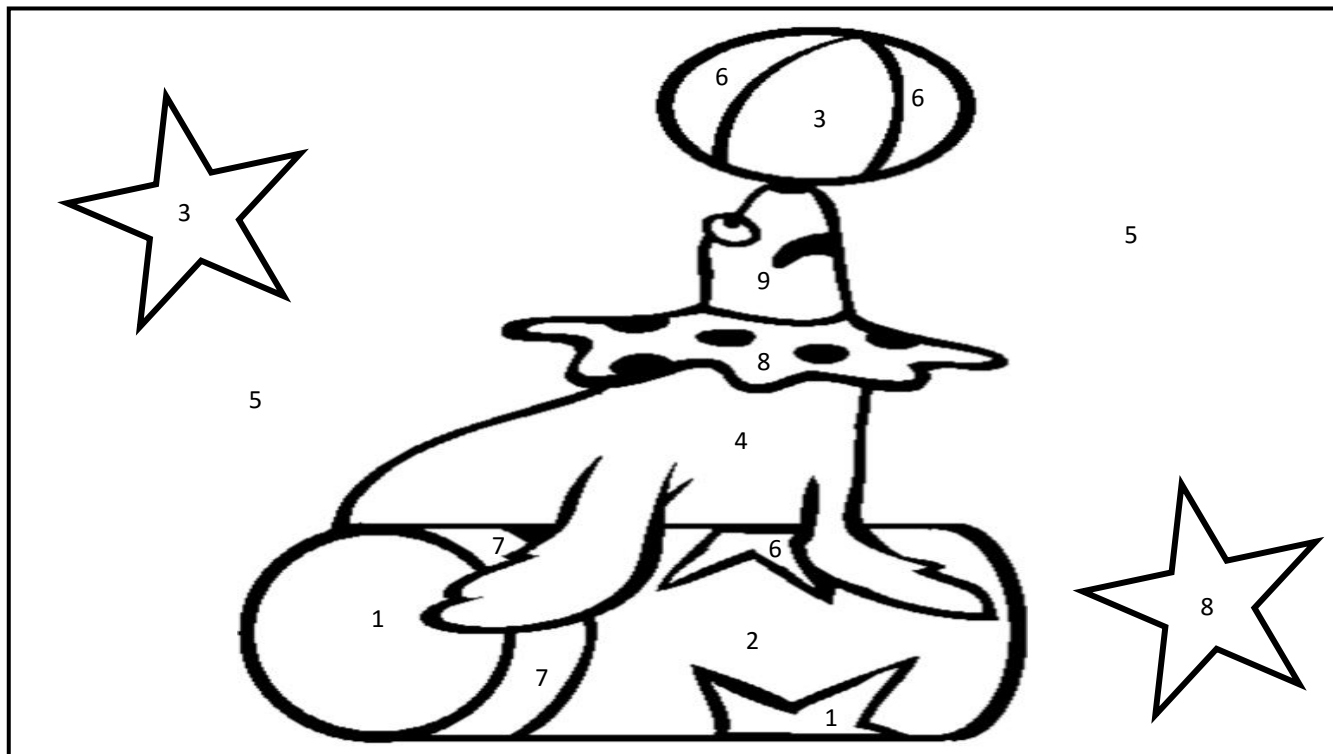
$$\frac{E}{96}$$

<b>E</b> 35, 12  96	<b>T</b> 14, 8  56	<b>R</b> 4, 5  20
<b>S</b> 25, 20  100	<b>T</b> 6, 10  30	<b>O</b> 21, 35  105
<b>I</b> 4, 21  84	<b>F</b> 15, 50  150	<b>B</b> 9, 6  18

# Greatest Common Factor Coloring Page!

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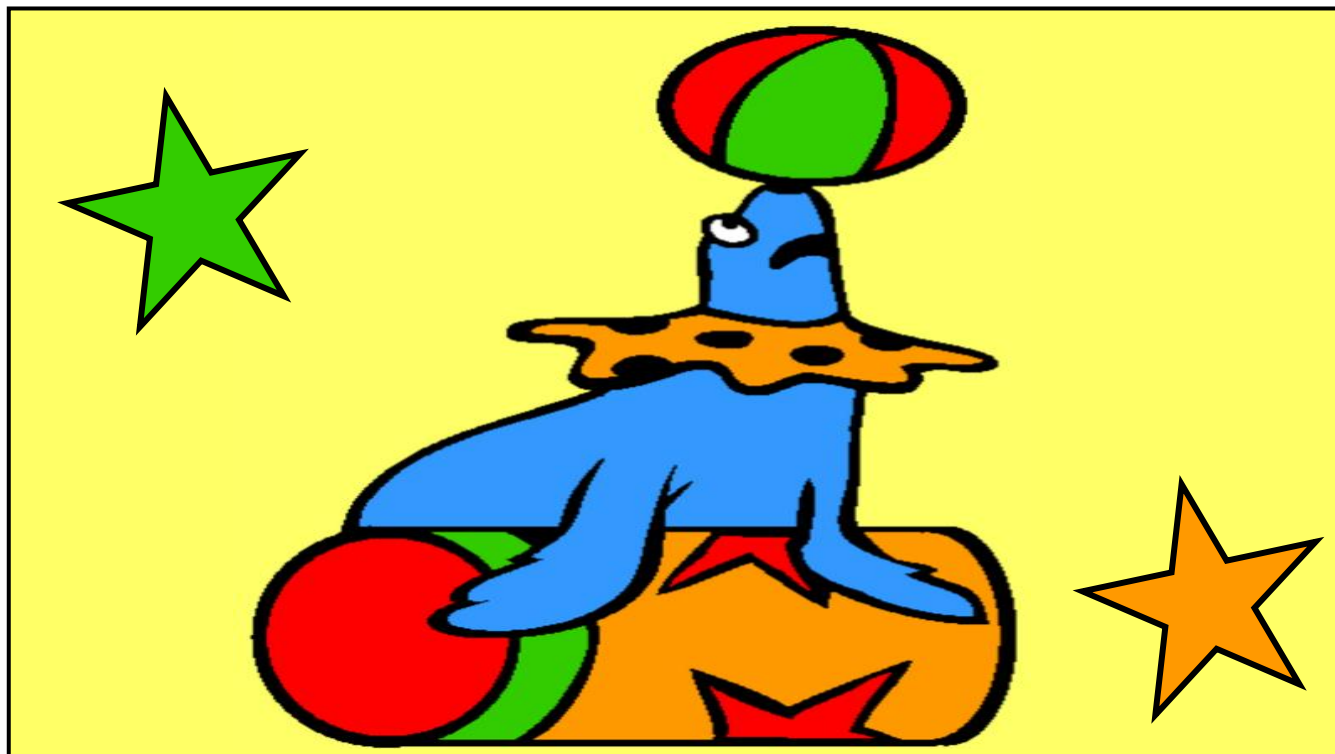


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3 Yellow	2 Orange	6 Red
4. 8, 32	5. 24, 60	6. 3, 12, 18
2 Red	4 Orange	8 Blue
7. 21, 24, 27	8. 2, 18, 26	9. 21, 35, 49
12 Blue	9 Yellow	3 Green
6 Orange	4 Green	10 Yellow
9 Red	16 Green	4 Blue

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Thank you so much for downloading this resource! You can get more resources like this at [Exceeding the CORE!](#)

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