

Name: \_\_\_\_\_

50,000 and 7,000,000 added to a number is 8,009,213. What is the number?

The sum of twenty-seven and thirty-seven is nineteen more than a number. What is the number?

Eighty-seven less than three-fifths of a number equals 3. What is the number?

Five-sixths of a number equals 3,575. What is the number?

Name: \_\_\_\_\_

Ready to make equations? There is a missing equation in each box.  
Circle the numbers once you find it!

**A**

|           |           |    |
|-----------|-----------|----|
| <u>29</u> | 99        | 22 |
| - 72      | <u>42</u> | 17 |
| 66        | 26        | 78 |
| 90        | <u>71</u> | 10 |

Find a subtraction fact.

**B**

|      |          |    |
|------|----------|----|
| 17   | <u>1</u> | 94 |
| - 49 | 21       | 83 |
| 58   | 7        | 99 |
| 81   | 93       | 26 |

Find a subtraction fact.

**C**

|           |    |    |
|-----------|----|----|
| <u>68</u> | 42 | 97 |
| - 38      | 82 | 33 |
| 56        | 70 | 43 |
| 57        | 30 | 21 |

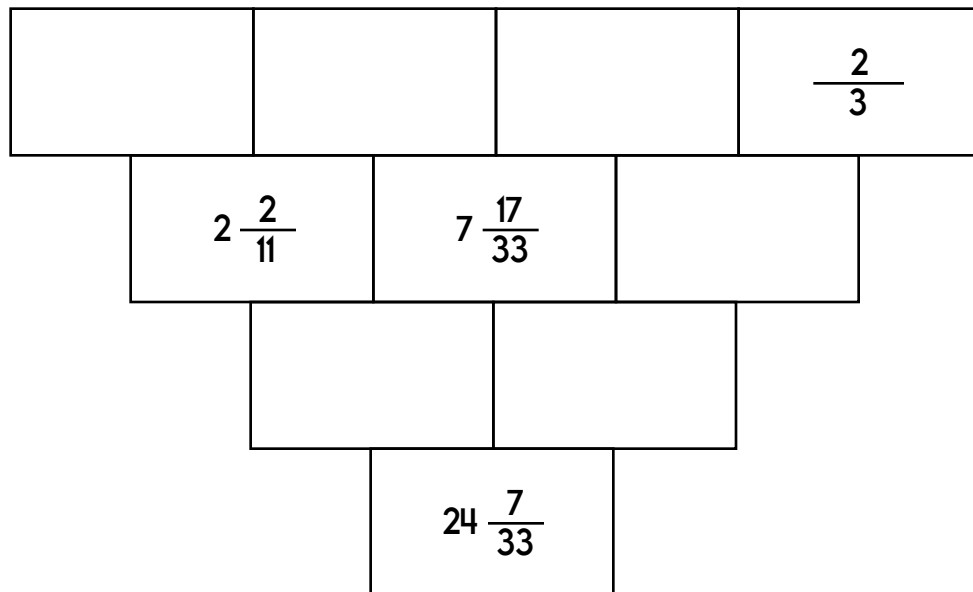
Find a subtraction fact.

Equations:

Write the equation facts you found.

|          |           |          |           |          |           |
|----------|-----------|----------|-----------|----------|-----------|
| <b>A</b> | <b>71</b> | <b>-</b> | <b>29</b> | <b>=</b> | <b>42</b> |
| <b>B</b> |           | <b>-</b> |           | <b>=</b> | <b>1</b>  |
| <b>C</b> | <b>68</b> | <b>-</b> |           | <b>=</b> |           |

|   |   |  |   |
|---|---|--|---|
| $\begin{array}{r} 43 \\ + 45 \\ \hline \end{array}$                                 | $7 \times 9 =$<br><br>$6 \times 4 =$        | <p>Mary wants to call Ava. Ava is on vacation in Asia. It is a time difference of ten hours. Ava's time is always later than Mary's time. If it is 8:47 P.M. where Mary lives, then what time is it where Ava is?</p> <p>_____</p> | $\begin{array}{r} 446 \\ - 162 \\ \hline \end{array}$ |
| <p>How many digits are in the number of days in the current month?</p> <p>_____</p> | <p>1 cm = 10 mm</p> <p>28 cm = _____ mm</p> | $\begin{array}{r} 25 \\ - 10 \\ \hline \end{array}$  |   |

[illegible]

---

\_\_\_\_\_ feet

Name: \_\_\_\_\_

Sarah and her mother bought a rug for her new room. The rug is yellow and blue with a picture of the Queen of Hearts playing croquet on it. The perimeter of the rug is 446.46 cm. The length is 130.86 cm. What is the width of the rug?

Anne told her mother that it takes her 104 seconds to brush her teeth. How long is that in minutes and seconds?

Bob, the donut guy, is working on a new type of donut called the 1.5-ounce sugar mini donut. Each donut weighs precisely 1.5 ounces. About  $\frac{3}{10}$  of the donut consists of milk, yeast, flour, and eggs. The rest of the donut is sugar. Yum!

How many ounces of sugar is needed for each donut?

This number is so cool. The ones place is twice its tens. The tenths place is 4 less than its hundredths. The sum of its digits is 20. What's the cool number?

\_\_\_\_ . \_\_\_\_

Name: \_\_\_\_\_

Round 19,408 to the nearest thousand.

$$8 \times 10 - 1 + 2$$

13, 26, 39, 52, 65, 78,  
\_\_\_\_\_, 104

$$7 \div \frac{1}{6}$$

The perimeter of a rectangle is 20 cm. The longer side is 7 cm. How long is the shorter side?

$$(8 \times 7) - 6$$

Write the missing family fact.

$$126 \div 7 = 18$$

$$18 \times 7 = 126$$

$$126 \div 18 = 7$$

Yummy Donuts gave three dozen chocolate donuts and five dozen jelly donuts to the school. How many donuts did they give?

Know how many inches in a foot? Okay, smarty pants, how many inches in 3 feet?

How many meters are there in 70 kilometers?

Round the decimal 0.735 to the nearest hundredth.

What is the area of a rectangle with sides 4 cm and 12 cm?

B, G, C, I, D,  
\_\_\_\_\_, E, M, F, O, G,  
Q

The area of a rectangle is  $16 \text{ cm}^2$ . What could the length of the 4 sides be?

A toy car can go 5 mph. How long would it take to go 8 miles?

Name: \_\_\_\_\_

|  |   |  |
|--|---|--|
| <p>Mary helped her aunt pick tomatoes from her garden. It was hard work and it made her back hurt, but it was worth it. Those juicy fresh tomato sandwiches would be delicious! They picked tomatoes from 7:43 a.m. until 11:10 a.m. For how long did Mary and her aunt pick tomatoes?</p> | <p>Emma made a model of Alexander Graham Bell's laboratory. She used a scale of 1 inch = 2 feet. If Bell's lab table was 8.25 feet long, how long should Emma make her model table?</p> | <p>Ava made 14 pastries. She used 2 ounces of walnuts for each pastry. How many pounds of walnuts did she use?</p> |
|--|---|--|

|  |   |
|--|---|
| <p>Can 294 be evenly divided by 7? Circle:<br/>294 is evenly divisible by 7<br/>294 is NOT evenly divisible by 7</p> | <p><math>(5 + 6) + 8 =</math></p>                     |
|  | $\begin{array}{r} 208 \\ + 421 \\ \hline \end{array}$ |

|                        |   |
|------------------------|---|
| <p>25 km = _____ m</p> | <p>If you multiply <math>549 \times 283</math>, you will have a number that is how much bigger than <math>183 \times 283</math>?</p> <p>It will be nine times as big.<br/>It will be three times as big.<br/>It will be five times as big.<br/>It will be eight times as big.<br/>It will be four times as big.</p> |
|------------------------|---|

Name: \_\_\_\_\_

\_\_\_\_\_ is 10 more than 41

\_\_\_\_\_ is 10 more than 22

\_\_\_\_\_ is 100 more than 420

\_\_\_\_\_ is 100 more than 548

\_\_\_\_\_ is 1,000 more than 4,733

\_\_\_\_\_ is 1,000 more than 2,223

\_\_\_\_\_ is 1,000 more than 5,042

\_\_\_\_\_ is 1,000 more than 4,424

\_\_\_\_\_ is 10,000 more than 79,719

\_\_\_\_\_ is 10,000 more than 48,116

For 688,522,690,804, write the digit that is in the ten thousands place.

\_\_\_\_\_

Write a letter that has a line of symmetry.

\_\_\_\_\_

April wants Amanda to guess a two digit number. She tells Amanda that her number has two different digits. The digits are 3 and 6. Amanda thinks. She then guesses the number 63. What are the chances that Amanda has guessed correctly?

$$120 \div 10 =$$

Six kids and three adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is \$60. How much is one kids ticket? How much is one adult ticket?

Write a letter that has two or more lines of symmetry.

\_\_\_\_\_

Circle the digit in the tenths place.

93.552

Name: \_\_\_\_\_

|   |  |
|---|--|
| <p>Rosa has two favorite numbers. If you add her favorite numbers, you get 20. If you multiply her favorite numbers, you get 99. What are her mystery numbers?</p> <p>_____</p> | <p>Can 965 be evenly divided by 5? Circle:</p> <p>965 is NOT evenly divisible by 5</p> <p>965 is evenly divisible by 5</p> |
|---|--|

|   |  |
|---|--|
| <p>How far do you think it is from your desk to your teacher's desk? Write an estimate of the distance you think it could be.</p> | <p>Write the missing family fact.</p> <p>88 - 55 = 33</p> <p>55 + 33 = 88</p> <p>88 - 33 = 55</p> <p>_____</p> |
|---|--|

|  |   |
|--|---|
| <p>The principal of your school wants to buy forty-three books. Each book costs \$3.97. She wants to estimate how much it will cost. Show her how you would estimate the cost:</p> | <p>Circle the addition property for <math>78 + 97 = 97 + 78</math>.</p> <p>associative property</p> <p>commutative property</p> |
|--|---|

|  |                                  |
|--|----------------------------------|
| <p>What time is 16 hours after 4:00 a.m.?</p> <p>_____</p> | <p><math>9 \times 6 =</math></p> |
|--|----------------------------------|

|  |
|--|
| <p>In each row, cross out the word that is not a preposition.</p> <p>up, underneath, right</p> <p>since, cents, per</p> <p>outside, over, high</p> |
|--|



Name: \_\_\_\_\_

4 • = • 7 • 0 • 1 • = • 6 • 7 • 4 • + • 2 • = • 1 • 1 • - • 5 • 1  
5 • 1 • +

Use the pieces above to help you fill in the runaway math puzzle.

|   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|
|   |   | 2 | 0 | - |   |   | 9 | + |   |  |   |   |   |   |
|   |   |   | + |   |   |   |   | + |   |  |   |   |   |   |
|   |   |   | 2 |   |   |   |   | 7 |   |  |   |   |   |   |
|   |   | 0 | + | 0 | = |   |   | = |   |  |   |   |   |   |
|   | 9 |   | 5 |   |   |   |   |   |   |  |   |   |   |   |
| 0 | + | 4 |   | 4 |   |   | 1 | 2 | - |  | = | 9 | - | 3 |
|   | 0 |   |   |   |   |   |   | - |   |  |   |   |   |   |
|   | = |   |   |   |   |   |   |   |   |  |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |  |   |   |   |   |
| 1 | 3 | - |   | = | 7 | + |   |   |   |  |   |   |   |   |
|   | - |   |   |   |   |   |   |   |   |  |   |   |   |   |
| 1 | 4 | - | 3 | = | 7 |   | 4 |   |   |  |   |   |   |   |

In the number 90,110,654,098, the digit 4 is in what place?

\_\_\_\_\_

Circle the greatest number:

61,238

24,059,638,173

267,091,854

5,907

Name: \_\_\_\_\_

James, Cameron, Cody, and Ryan each have one brother (Brian, Michael, Andrew, and Christopher) and one sister (Megan, Kaitlyn, Brianna, and Samantha).

Who is each person's brother and sister?

1. Cody played with his brother Andrew outside.
2. James is older than his sister Kaitlyn.
3. Ryan is older than his sister Megan.
4. Cody invited Samantha and Megan over to his family's house for dinner.
5. James went to the mall with his sister, but not with his brother. Brian and Michael went with James as well.
6. Cameron played with his brother Brian outside.

James' brother is \_\_\_\_\_ and James' sister is \_\_\_\_\_.

Cameron's brother is \_\_\_\_\_ and Cameron's sister is \_\_\_\_\_.

Cody's brother is \_\_\_\_\_ and Cody's sister is \_\_\_\_\_.

Ryan's brother is \_\_\_\_\_ and Ryan's sister is \_\_\_\_\_.

The circus is in town! Tickets are only \$3 for kids. Adults need to pay double the price of kids tickets. Amanda is bringing four of her friends in her class. Her mom is also coming. Amanda wants to pay for everyone. How much will she need to pay?

Choose the answer that best completes the sentence.

You (may/must) get permission before leaving the classroom.

Choose the word that best completes the sentence.

I (herd/heard) all about how hard the test was long before 4th period.

Circle the smallest number:

93,530,862,149      2,175  
960,438,672      41,508

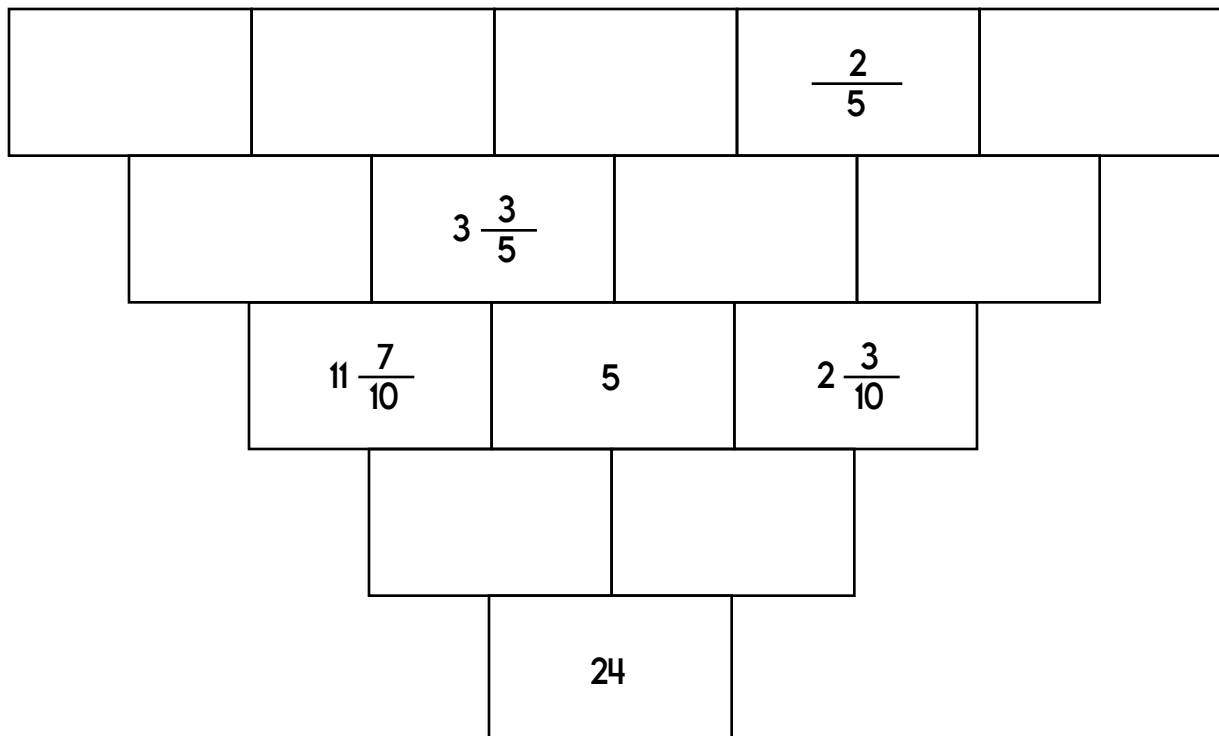
Name: \_\_\_\_\_

| X |        | 6     |        | 9     |        |        |
|---|--------|-------|--------|-------|--------|--------|
|   |        | 54    |        |       |        |        |
|   | __x__  | __x 6 | __x__  | __x 9 | __x__  | __x__  |
|   |        |       | 81     |       | 72     | 45     |
|   | __x__  | __x 6 | __x__  | __x 9 | __x__  | __x__  |
|   |        |       |        | 18    |        |        |
|   | __x__  | __x 6 | __x__  | __x 9 | __x__  | __x__  |
|   | 48     |       |        | 36    |        |        |
|   | __x__  | __x 6 | __x__  | __x 9 | __x__  | __x__  |
| 2 | 24     |       |        |       | 16     |        |
|   | 2 x __ | 2 x 6 | 2 x __ | 2 x 9 | 2 x __ | 2 x __ |
| 3 |        |       |        | 27    |        |        |
|   | 3 x __ | 3 x 6 | 3 x __ | 3 x 9 | 3 x __ | 3 x __ |
|   |        |       |        | 90    |        |        |
|   | __x__  | __x 6 | __x__  | __x 9 | __x__  | __x__  |
|   | 84     |       |        |       |        |        |
|   | __x__  | __x 6 | __x__  | __x 9 | __x__  | __x__  |

$63 \div 9 =$

Write a synonym for this word.  
debate

\_\_\_\_\_

[illegible]

Name: \_\_\_\_\_

Draw a line from START to END.

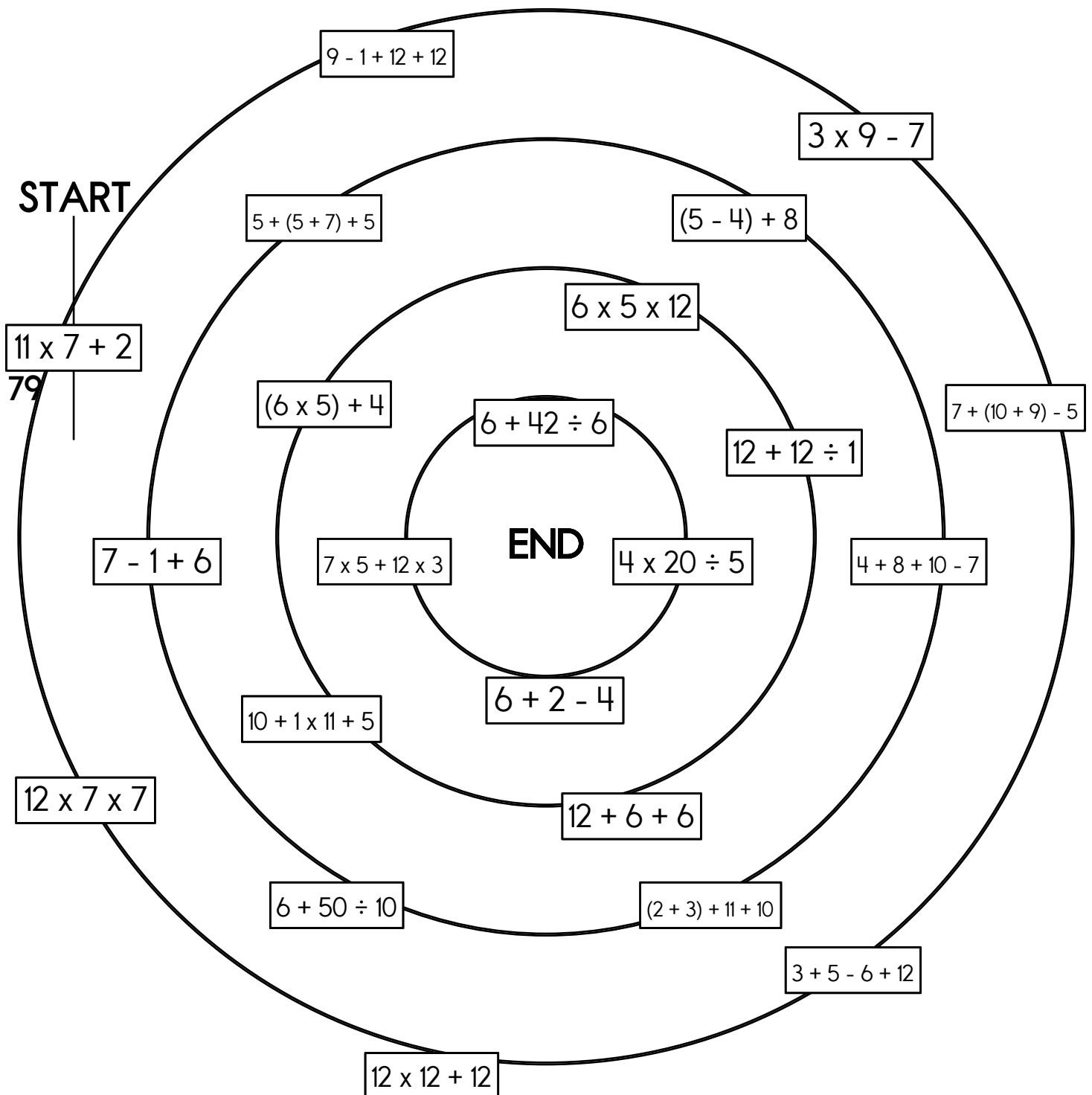
22

~~79~~

26

16

Cross out the number you use above and then write it below.



Name: \_\_\_\_\_

Complete each pattern. Write what the rule is.

9, 18, 29, 42, 57, 74, 93, 114, 137, \_\_\_\_\_, \_\_\_\_\_

5, 14, 25, 38, 53, 70, 89, 110, 133, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Complete each pattern. Write what the rule is.

$4\frac{1}{4}$ , 4,  $3\frac{3}{4}$ ,  $3\frac{1}{2}$ , \_\_\_\_\_, 3,  $2\frac{3}{4}$ ,  $2\frac{1}{2}$ ,  $2\frac{1}{4}$ ,  
2,  $1\frac{3}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{1}{4}$ , 1,  $\frac{3}{4}$ ,  $\frac{1}{2}$ ,  $\frac{1}{4}$

$4\frac{1}{2}$ ,  $4\frac{1}{4}$ , 4,  $3\frac{3}{4}$ ,  $3\frac{1}{2}$ ,  $3\frac{1}{4}$ , 3,  $2\frac{3}{4}$ ,  $2\frac{1}{2}$ ,  
 $2\frac{1}{4}$ , \_\_\_\_\_, \_\_\_\_\_,  $1\frac{1}{2}$ , \_\_\_\_\_, 1,  $\frac{3}{4}$ ,  $\frac{1}{2}$ ,  $\frac{1}{4}$

Name: \_\_\_\_\_

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 2 | 3 | 2 | 3 | 1 | 4 | 1 |
| 1 | 4 |   |   |   | 3 | 2 |
| 2 | 3 | 2 |   | 1 | 4 | 1 |
| 1 | 4 | 1 | 4 | 2 | 3 | 2 |

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

4 3 1 2

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 3 | 4 | 1 | 2 | 1 |   |   |
| 1 | 2 | 3 | 4 | 3 |   |   |
| 3 | 4 | 1 | 2 | 1 | 2 | 1 |

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

4 2 3 1

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 4 | 2 |   | 1 | 4 | 1 |   | 2 |
|   | 1 | 4 | 2 | 3 |   | 4 |   |
|   | 2 | 3 | 1 | 4 |   |   | 2 |

Hint - These numbers are missing:

3 2 1 3 3 3 4 1

|   |   |   |   |   |   |  |   |
|---|---|---|---|---|---|--|---|
|   | 1 | 2 | 4 |   |   |  | 1 |
| 2 | 4 |   | 1 | 3 | 4 |  | 4 |
| 3 |   | 2 | 4 | 2 | 1 |  | 1 |

Hint - These numbers are missing:

1 3 3 1 2 3 2 3

Name: \_\_\_\_\_

Fill in the missing numbers.

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| 3 | 1 |   | 2 |   |   |
|   | 2 | 3 | 1 | 3 | 1 |
| 3 |   | 4 |   | 4 | 2 |
| 4 | 2 | 3 |   | 3 |   |

Hint - These numbers are missing:

1 2 4 4  
4 2 1 1

|   |  |   |   |   |   |
|---|--|---|---|---|---|
| 2 |  | 2 |   | 2 | 3 |
| 4 |  |   | 1 | 4 | 1 |
| 3 |  |   | 2 |   | 2 |
| 1 |  | 1 |   | 1 |   |

Hint - These numbers are missing:

3 1 4 2 4  
4 3 4 3 3

|   |   |   |   |
|---|---|---|---|
|   | 3 | 2 | 1 |
| 2 | 1 |   |   |
| 4 | 3 | 2 |   |
| 2 |   |   | 3 |
|   |   | 2 | 1 |

Hint - These numbers are missing:

4 1 4 4  
4 3 3 1

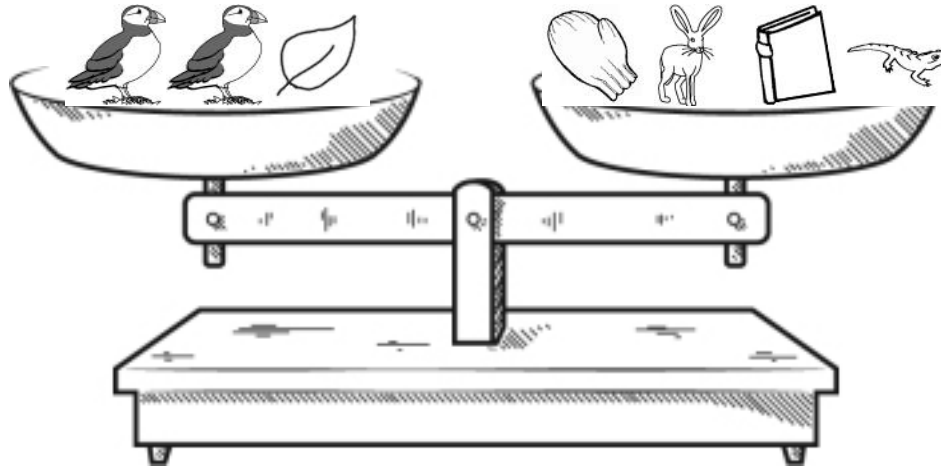
|   |   |   |   |
|---|---|---|---|
|   | 1 | 2 |   |
|   | 4 | 3 |   |
| 3 | 1 | 2 | 1 |
|   | 4 |   | 4 |
| 3 |   |   | 1 |

Hint - These numbers are missing:

1 2 2 3  
1 4 2 3



Name: \_\_\_\_\_



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False

Did you find that two are true? If not, look again!  
You should only mark TRUE if you are absolutely sure it is correct!

Name: \_\_\_\_\_

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.

Every row must contain the numbers 1, 2, 3, and 4.

Every column must contain the numbers 1, 2, 3, and 4.

In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

|                |              |                |                |
|----------------|--------------|----------------|----------------|
| 2-<br><br>1234 | 1-<br><br>2  | 2-<br><br>3    | <br><br>1234   |
| <br><br>1234   | <br><br>1234 | 1-<br><br>1234 | <br><br>1234   |
| 1<br><br>1234  | 1-<br><br>3  | <br><br>1234   | 2-<br><br>1234 |
| 3<br><br>1234  | 3-<br><br>4  | <br><br>1234   | <br><br>1234   |

Fill in the blanks. These equations are from the puzzle above.

$$2 - \underline{\quad} = 1$$

$$4 - \underline{\quad} = 3$$

$$\underline{\quad} - 2 = 2$$

$$3 - \underline{\quad} = 1$$

$$\underline{\quad} - 2 = 2$$

$$4 - \underline{\quad} = 1$$

$$3 - \underline{\quad} = 2$$



It's NO PREP  
at edHelper.

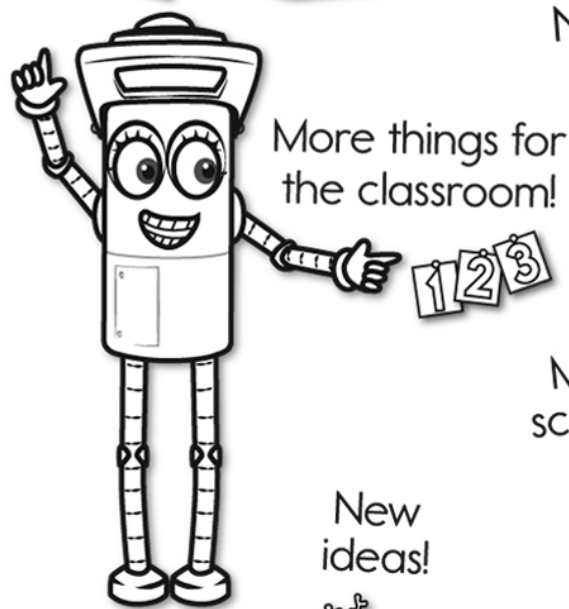
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history!



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ideas!



x  
+ =  
- ÷  
< >

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puzzles!



