

Name: _____

$$\begin{array}{r} 160 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 894 \\ - 316 \\ \hline \end{array}$$

What number is 403 less than 448?

Reduce $\frac{5}{45}$ to its lowest terms.

Reduce $\frac{12}{21}$ to its lowest terms.

Reduce $\frac{12}{24}$ to its lowest terms.

Write as a decimal.

$$4\frac{17}{1000}$$

Write as a decimal.

$$\frac{5}{100}$$

Write as a decimal.
Seven and two tenths

What is the greatest common factor of 3 and 9?

What is the least common multiple of 2 and 8?

What is the greatest common factor of 2 and 12?

Reduce $\frac{2}{8}$ to its lowest terms.

Reduce $\frac{21}{28}$ to its lowest terms.

Reduce $\frac{21}{28}$ to its lowest terms.

Name: _____

Write as a decimal.

$$\frac{8}{10}$$

Write as a decimal.
Three thousandths

Write as a decimal.

$$19 \frac{42}{100}$$

What is the least common
multiple of 5 and 6?

What is the greatest
common factor of 8 and 2?

What is the least common
multiple of 6 and 12?

$$\begin{array}{r} 85,751 \\ - 42,601 \\ \hline \end{array}$$

Find the difference
between 620 and 174.

Subtract 183 from 601.

Reduce $\frac{16}{24}$ to its lowest
terms.

Reduce $\frac{14}{21}$ to its lowest
terms.

Reduce $\frac{6}{12}$ to its lowest
terms.

$$\begin{array}{r} 5,021,812 \\ - 7,722 \\ \hline \end{array}$$

Find the sum of 399 and 14.

$$\begin{array}{r} 671,666 \\ + 99,790 \\ \hline \end{array}$$



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Not Exact

Estimate - With a Good Guess

$88 \div 9 \approx \underline{10}$

$52 \div 10 \approx \underline{5}$

$79 \div 12 \approx \underline{\quad}$

$31 \div 4 \approx \underline{\quad}$

$38 \div 8 \approx \underline{\quad}$

$34 \div 4 \approx \underline{\quad}$

$38 \div 11 \approx \underline{\quad}$

$61 \div 10 \approx \underline{\quad}$

$65 \div 8 \approx \underline{\quad}$

$42 \div 12 \approx \underline{\quad}$

$27 \div 5 \approx \underline{\quad}$

$33 \div 7 \approx \underline{\quad}$

$38 \div 5 \approx \underline{\quad}$

$58 \div 6 \approx \underline{\quad}$

$42 \div 9 \approx \underline{\quad}$

$68 \div 7 \approx \underline{\quad}$

$34 \div 6 \approx \underline{\quad}$

$20 \div 3 \approx \underline{\quad}$

$78 \div 11 \approx \underline{\quad}$

$16 \div 5 \approx \underline{\quad}$

$89 \div 11 \approx \underline{\quad}$

$52 \div 6 \approx \underline{\quad}$

$29 \div 4 \approx \underline{\quad}$

$57 \div 11 \approx \underline{\quad}$

$47 \div 5 \approx \underline{\quad}$

$74 \div 12 \approx \underline{\quad}$

$44 \div 9 \approx \underline{\quad}$

$30 \div 8 \approx \underline{\quad}$

$71 \div 8 \approx \underline{\quad}$

$72 \div 10 \approx \underline{\quad}$

$33 \div 7 \approx \underline{\quad}$

$37 \div 12 \approx \underline{\quad}$

$31 \div 6 \approx \underline{\quad}$

$91 \div 10 \approx \underline{\quad}$

$19 \div 3 \approx \underline{\quad}$

$25 \div 3 \approx \underline{\quad}$

$38 \div 4 \approx \underline{\quad}$

$53 \div 7 \approx \underline{\quad}$

$23 \div 7 \approx \underline{\quad}$

$39 \div 8 \approx \underline{\quad}$

$64 \div 12 \approx \underline{\quad}$

$20 \div 3 \approx \underline{\quad}$

Name: _____

<p>The fifth grade students are having a breakfast for their parents for Children's Good Manners Month. Sara used a muffin pan to make 4 batches of muffins. Then she made 4 extra muffins. She made 28 muffins in all. How many muffins does the muffin pan hold?</p>	<p>The Cat in the Hat lost his hat. He looked under the bed. He looked in the oven. He looked in the fishbowl. He looked in the bathtub. He looked for one hour and 40 minutes before he found his hat in a flowerpot. If he started looking at 10:50 a.m., what time did he find his hat?</p>	<p>Jacob went to a movie. The movie was about rockets. The ticket cost \$9.25. Jacob had some popcorn that cost \$3.19 and a drink that cost \$1.26. How much did Jacob spend in all?</p>
--	--	---

How do you know if a number is divisible by 6? Use this trick.

Is the number 2,801,472 even? Yes No If no, it is not a multiple of 6.

$$2,801,472 \quad \underline{2} + \underline{8} + \underline{0} + \underline{1} + \underline{4} + \underline{7} + \underline{2} = \boxed{} \boxed{}$$

$$\boxed{} + \boxed{} = \underline{} \quad \text{Is that a multiple of 6? Circle: Yes No}$$

Circle one: 2,801,472 is divisible by six 2,801,472 is not divisible by six

Is the number 16,974,408 even? Yes No If no, it is not a multiple of 6.

$$16,974,408 \quad \underline{} + \underline{} + \underline{} + \underline{} + \underline{} + \underline{} + \underline{} + \underline{} = \boxed{} \boxed{}$$

$$\boxed{} + \boxed{} = \underline{} \quad \text{Is that a multiple of 6? Circle: Yes No}$$

Circle one: 16,974,408 is divisible by six 16,974,408 is not divisible by six

If H = 5, then what does H plus H equal?

Which number is seven thousand, six hundred thirty-four?

3,467 6,473
7,634 76,340

$$\begin{array}{r} 93 \\ + 60 \\ \hline \end{array}$$

Name: _____

Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 8.

Here is an example of a sudoku sum of 8:

3	5
---	---

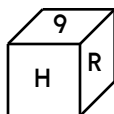
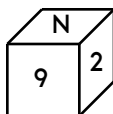
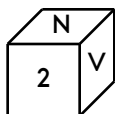
7			1	3			9	
					5			4
3		5	2					
9		1	7			4		5
	5		6					
2				8		3		
	3			1			8	7
	6							
						2		

What are 100 equal to?

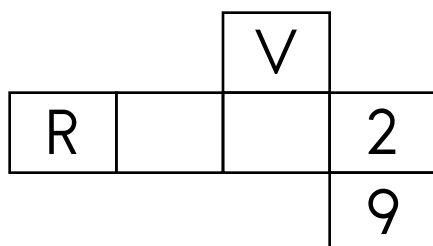
List the first five multiples of 12.

Name: _____

This is the look at one cube that is turned around a few times.



This pattern can be folded into the cube. Fill in the missing boxes.



$$16 + 1 = \underline{\hspace{2cm}}$$

$$93 - 4 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 50 \\ + 43 \\ \hline \end{array}$$

$$9 \overline{)81}$$

Fill in the missing fractions.

$$\underline{\hspace{2cm}}, \frac{2}{5}, \frac{3}{5}, \underline{\hspace{2cm}}$$

$$\begin{array}{r} 31 \\ 33 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ 26 \\ + 40 \\ \hline \end{array}$$

$$4 \overline{)8}$$

Write the number for two thousand, four hundred fifty.

Calculate the product of 8 and 6.

$$\begin{array}{r} 54 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 43 \\ \hline \end{array}$$

Write the shaded part as a decimal.



$$\begin{array}{r} 41 \\ - 26 \\ \hline \end{array}$$

What number is ten thousand more than 4,430?

Circle the best estimate for the answer to:
 $369 + 327$

1,800 1,100 700 500

Which is smaller, $\frac{1}{3}$ or $\frac{1}{5}$?

Circle the complete subject in the following sentence.

The old dry wood in the fire pit burnt quickly.

Name: _____

$$\begin{array}{r} 17 \\ + 70 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 114 \\ - 94 \\ \hline \end{array}$$

$$\begin{array}{r} 105 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ - 71 \\ \hline \end{array}$$

$$\begin{array}{r} 115 \\ - 61 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ + 79 \\ \hline \end{array}$$

$$\begin{array}{r} 115 \\ - 96 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ + 67 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ + 48 \\ \hline \end{array}$$

$$\begin{array}{r} 130 \\ - 91 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ - 57 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 68 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 79 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ - 33 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 130 \\ - 45 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 59 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 95 \\ \hline \end{array}$$

$$\begin{array}{r} 105 \\ - 86 \\ \hline \end{array}$$

$$\begin{array}{r} 127 \\ - 53 \\ \hline \end{array}$$

$$\begin{array}{r} 165 \\ - 71 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ - 78 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ + 71 \\ \hline \end{array}$$

$$\begin{array}{r} 110 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 115 \\ - 68 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ - 45 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 55 \\ \hline \end{array}$$

$$\begin{array}{r} 119 \\ - 66 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 69 \\ \hline \end{array}$$

$$\begin{array}{r} 110 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 6 \\ \hline \square \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ - 6 \\ \hline \square \\ - 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 5 \\ \hline \square \\ + 7 \\ \hline \end{array}$$

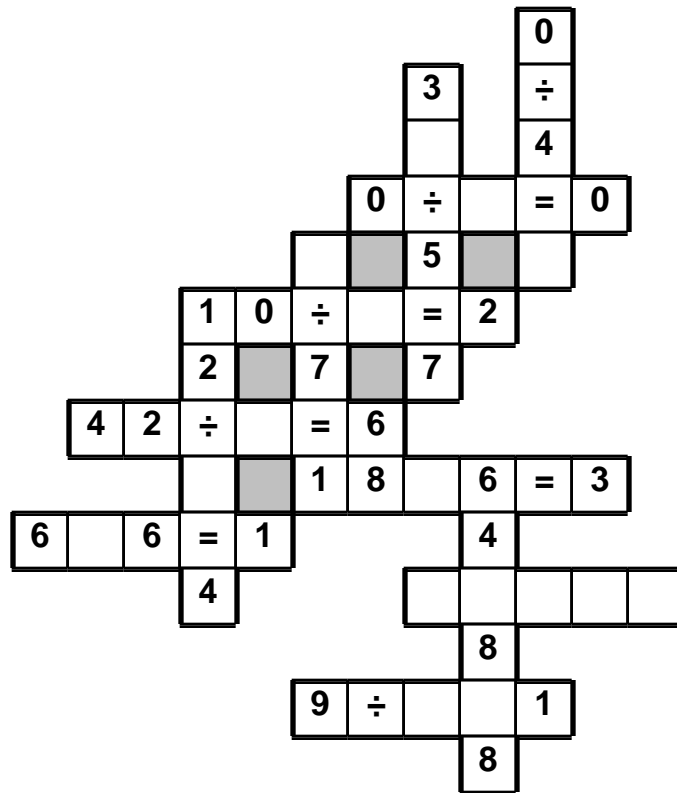
$$\begin{array}{r} 33 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 9 \\ \hline \square \end{array}$$

Name: _____

5 • 7 • 7 • 0 • 5 • 7 • 3 • ÷ • ÷ • 5 • ÷ • 5 • = • 1 • 9 • =

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



What are 15 tens equal to?

What is the value of the BIG digit?

33,530,662

7 $\overline{)63}$

What is the ratio of boys to girls in your class?

If $\square = 4$, then $8 + \square =$ _____

☐ spiech

☐ spuech

☐ speech

☐ spech

Name: _____

Draw a line to match each problem with the same answer.

$37 + 14 + 15 =$

$24 + 13 + 15 =$

$79 + 76 + 88 =$

$13 + 26 + 27 =$

$23 + 39 + 29 =$

$75 + 82 + 86 =$

$18 + 15 + 19 =$

$37 + 28 + 26 =$

$67 + 66 + 66 =$

$63 + 67 + 69 =$

How many total legs are on 9 owls?

$23 + \underline{\quad} + 28 = 64$

Name the shape with eight sides and eight angles.

What is the sum of 10 and 170?

$\underline{\quad} \div 5 = 5$

What number is halfway between 0 and 22?

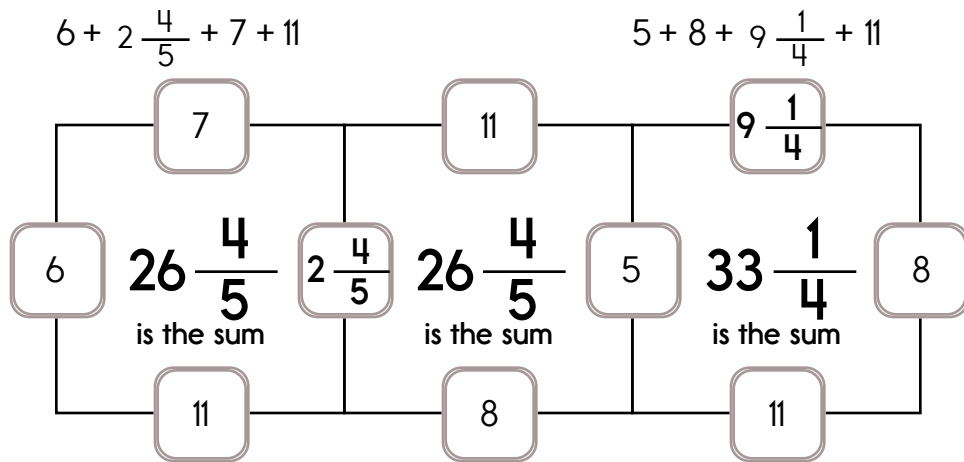
I, H, J, K, K, _____, L,
Q, M, T

F, K, G, L, _____, M, I,
N, J, O, K, P, L, Q

Circle the seven numbers whose sum equals 47.

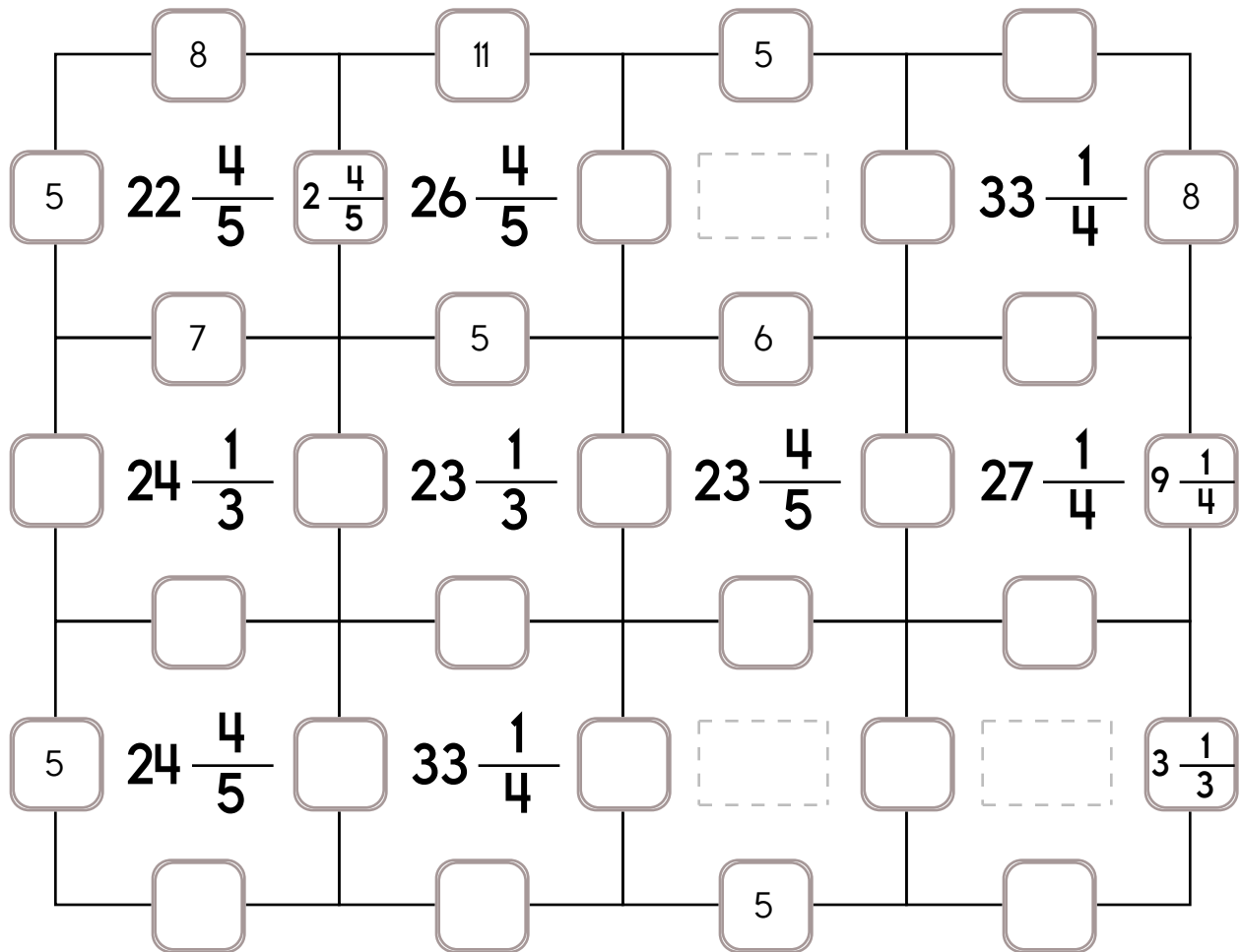
9	3	10	8
11	10	5	3
12	2	6	5

Sample:



Exactly one of the four numbers has to be one of these numbers: $3\frac{1}{3}$, $2\frac{4}{5}$, or $9\frac{1}{4}$.

The other three numbers have to all be DIFFERENT and must be from these: 7, 11, 5, 6, or 8.



Exactly one of the four numbers has to be one of these numbers: $\frac{2}{3}$, $5\frac{7}{9}$, or $4\frac{2}{5}$.

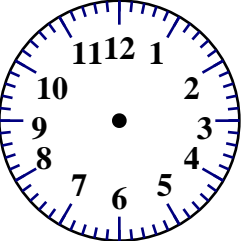
2	3	10	2		
5	$17\frac{2}{3}$	10	$20\frac{7}{9}$	$22\frac{2}{5}$	$17\frac{2}{5}$
$\frac{2}{3}$		$4\frac{2}{5}$	5		
3	$10\frac{2}{3}$	$23\frac{7}{9}$	$15\frac{2}{5}$	$10\frac{2}{3}$	
6	$19\frac{7}{9}$	$10\frac{2}{3}$	$15\frac{2}{3}$		
$16\frac{7}{9}$	$24\frac{7}{9}$	$19\frac{2}{3}$	$11\frac{2}{3}$		
$15\frac{7}{9}$	$19\frac{7}{9}$				

Name: _____

Mrs. Wilson has 25 plants. It got very hot one day. Some plants died. She had 21 plants left. How many plants died?	Gavin wants to buy a sea monkey. He has 6 dimes and 10 pennies. How much money does he have?	Connor grew 6 zucchini vines. Each vine had 2 zucchini on it. How many zucchini did he grow?
---	--	--

Cross out the word that does not fit in the group as much as the others. cello flute harmonica clarinet trumpet drum	Seventeen is an odd number. true false 	$60 - 4 = \underline{\hspace{2cm}}$ $\begin{array}{r} 13 \\ + 33 \\ \hline \end{array}$ $\begin{array}{r} 29 \\ + 60 \\ \hline \end{array}$
--	--	--

Thornton Wilder's birthday is 9 days after Connor's birthday. Connor's birthday is April 28. On what date is Thornton Wilder's birthday?	$78 - 71 = \underline{\hspace{2cm}}$ $\begin{array}{r} 81 \\ - 65 \\ \hline \end{array}$ $\begin{array}{r} 78 \\ - 36 \\ \hline \end{array}$	Write the missing sign. $8 \underline{\hspace{0.5cm}} 5 = 13$ $\begin{array}{r} 22 \\ + 27 \\ \hline \end{array}$
--	---	---

 <u>6</u> : <u>10</u>	It is your turn. Write X to make your move. <table border="1" style="border-collapse: collapse; text-align: center; width: 100px; height: 100px;"> <tr><td>X</td><td></td><td>O</td></tr> <tr><td></td><td>O</td><td>O</td></tr> <tr><td>X</td><td></td><td></td></tr> </table>	X		O		O	O	X			<input type="radio"/> grandffather <input type="radio"/> grendfathir <input type="radio"/> grandather <input type="radio"/> grandfather
X		O									
	O	O									
X											

Name: _____

Jenna is buying candy mixes for goodie bags. Each fun mix packet weighs 8 ounces. She purchased 4 pounds. How many packets did she buy?

(Hint: 1 pound = 16 ounces)

Fill in the missing numerators.

$$\frac{1}{7} = \frac{\quad}{84}$$

$$\frac{1}{8} = \frac{\quad}{24}$$

$$\frac{2}{6} = \frac{\quad}{30}$$

$$\frac{1}{5} = \frac{\quad}{35}$$

Name: _____

x	0	1	2	3	4	5	6	7	8	9	10	11	12
2						10							
3											30		
4					16								
5							30						
6			12										
7								49					
8												88	
9										81			
10	0												
11													132
12		12											

$6 \times 12 =$ $6 \times 7 =$ $10 \times 11 =$ $7 \times 8 =$ $9 \times 4 =$

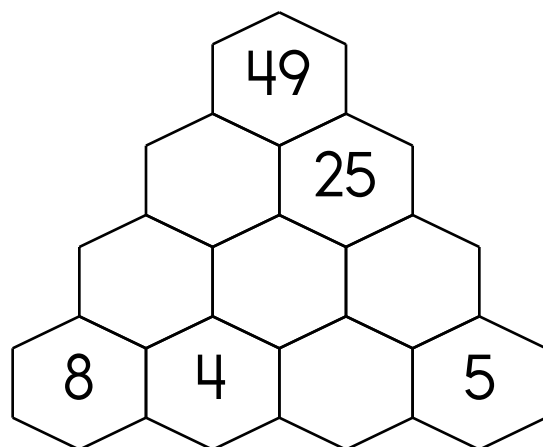
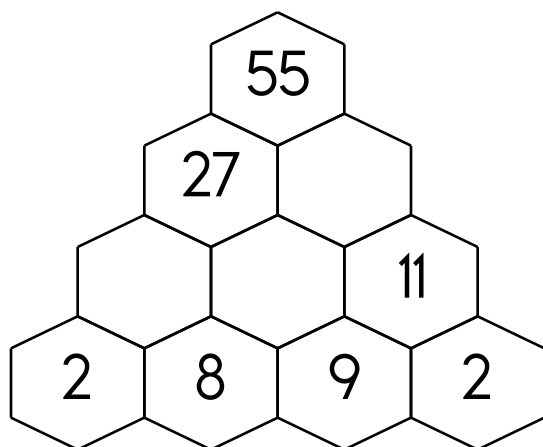
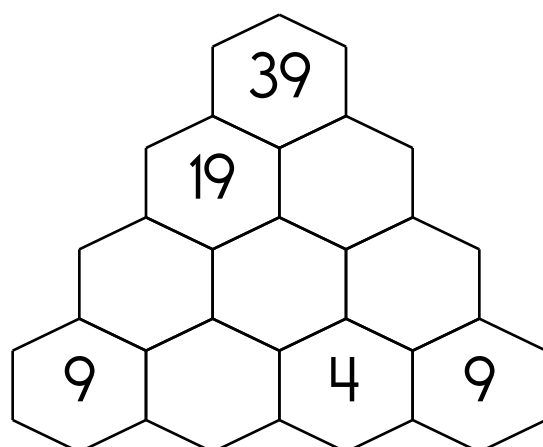
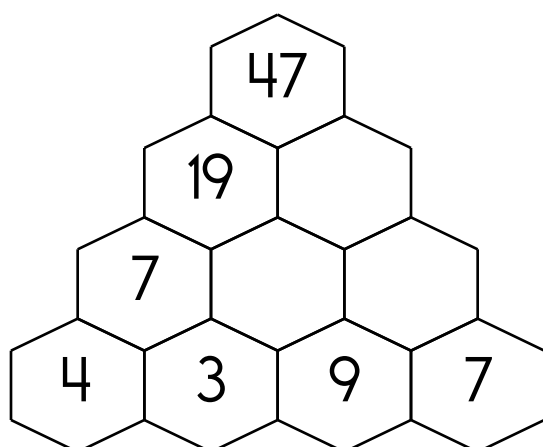
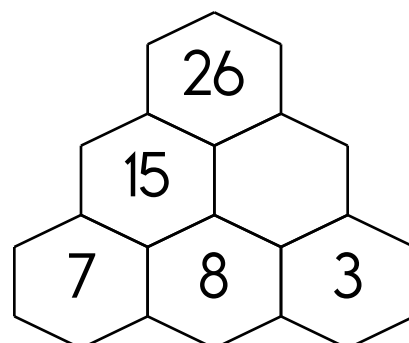
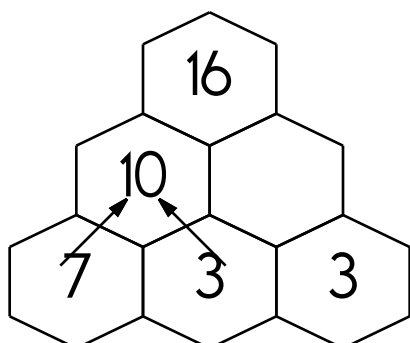
$9 \times 6 =$ $3 \times 11 =$ $7 \times 6 =$ $11 \times 12 =$ $4 \times 4 =$

$6 \times 3 =$ $5 \times 7 =$ $3 \times 8 =$ $11 \times 10 =$ $12 \times 9 =$

$4 \times 12 =$ $5 \times 7 =$ $3 \times 9 =$ $4 \times 10 =$ $6 \times 9 =$

Name: _____

Fill in the blanks by adding the two numbers below each hexagon.



In the equation $40 \times 324 = 12,960$, which number is the product?

Mary bought a pack of six waters. It cost \$3.54. How much did each water cost?

$$11 + (4 + 1)$$

Name: _____

$$1 + 3 + 2 + 4 =$$

$$6 + 6 + 6 =$$

Subtract 50 from 464.

$$\begin{array}{r} 108,167 \\ - 50,787 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 64 \\ \hline \end{array}$$

$$593 + 44 =$$

$$\begin{array}{r} 5 \\ 5 \\ 3 \\ 7 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 648 \\ 830 \\ + 5,274 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 6 \\ + 9 \\ \hline \end{array}$$

355 is how much more than 4543?

$$\begin{array}{r} 58 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} 865 \\ + 564 \\ \hline \end{array}$$

What is the greatest common factor of 8 and 12?

What is the least common multiple of 5 and 6?

What is the least common multiple of 12 and 10?

Name: _____

Name the place value that is 10,000 times greater than the thousands place.

Peter is taking a 24-hour walk challenge. He is trying to stay awake for 24 hours and plans to walk as far as he can. Each hour he plans to sit and rest for only 3 minutes. If he is able to do this, how long will he spend walking and not resting during the 24 hours?

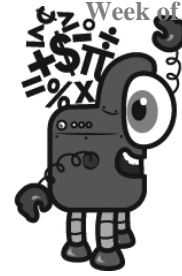
_____ hours and _____ minutes

Draw an area model to solve 34×7 .

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math



= Do it
in your
head!

imagine 9 in your head

subtract 8

add 8

Write the number.

A

imagine 6 in your head

subtract 4

add 5

multiply 12

double it

subtract 6

Write the tens digit.

B

imagine 6 in your head

add 9

double it

add 8

subtract 9

subtract 8

Write the ones digit.

C

imagine 7 in your head

subtract 5

multiply 4

subtract 4

multiply 6

Add the tens digit to the ones digit.
Write the sum.

D

What is the sum?

$A + B + C + D$

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ - _____ w _____

7 before 16 _____

6 after 18 _____

4 before 11 _____

8 before 18 _____

9 after 19 _____

3 before 15 _____

5 before 12 _____

5 after 16 _____

2 before 14 _____

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 plus sign, the given number will be the sum of all the digits in the cage.

3 3	10+ 1234	1234	2
12+ 1234	3+ 1234	1	1234
1234	3	1234	4
1234	4	4+ 3	1234

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

$$\underline{\quad} + 3 + \underline{\quad} + \underline{\quad} + \underline{\quad} = 12$$

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

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

$$\underline{\quad} + \underline{\quad} + 2 + \underline{\quad} = 10$$



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