

Name: _____

Is 37 a composite or a prime number?

$$30 \div 5 =$$

April has \$49. She wants to buy something that costs \$97. How much more does she need?

Draw a small clock that shows 15 minutes to 9:00.

There are 4 groups of 5 rocks. How many rocks?

$$\text{triple } 52 =$$

Know how many inches in a foot? Okay, smarty pants, how many inches in 9 feet?

How much time is it from 6:00 a.m. to 10:15 a.m.?

A toy car can go 4 mph. How long would it take to go 14 miles?

7, 7, 10, 9, 13, _____,
16, 13, 19, 15, 22, 17, 25

What is 50% of 42?

$$3 \times 8 - 10 + 12$$

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 7 in your head

subtract 4

add 4

Write the number.

_____ **A**

imagine 8 in your head

subtract 5

add 2

add 3

double it

subtract 6

Write the tens digit.

_____ **B**

imagine 2 in your head

multiply 10

subtract 6

add 1

subtract 7

multiply 9

Write the even digit
in your answer.

imagine 5 in your head

multiply 7

double it

subtract 6

Write the ones digit.

_____ **C**

What is the sum?

A + B + C

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

_____ **V** _____

6 before 16 _____

2 after 15 _____

4 after 16 _____

9 before 11 _____

3 after 17 _____

5 after 19 _____

7 before 15 _____

1 after 18 _____

6 after 11 _____

Name: _____

Reduce $\frac{9}{18}$ to its lowest terms.

$$11 + \frac{1}{3} - \frac{1}{5} =$$

Write the reciprocal.

$$\frac{1}{3}$$

$$16 - \frac{1}{3} + \frac{3}{5} =$$

$$47 - \frac{1}{5} =$$

$$16 + \frac{4}{11} + \frac{1}{2} =$$

Find the least common denominator.

$$\frac{6}{10} \text{ and } \frac{2}{3}$$

Reduce each fraction to its lowest terms.

$$\frac{7}{28} =$$

$$\frac{2}{4} =$$

$$\frac{18}{24} =$$

$$\frac{24}{32} =$$

$$\frac{4}{12} =$$

$$\frac{21}{57} =$$

$$14 \frac{4}{11}$$

$$- 3$$

$$19 - \frac{3}{11} - \frac{2}{5} =$$

Write the reciprocal.
11

Reduce $\frac{6}{22}$ to its lowest terms.

Name: _____

<p>Anne paid \$7 for each ticket she bought for the play. She bought a ticket for each person (p) in her family. Write an equation to find out how much she paid in all.</p>	<p>For Hoodie Hoo Day David made lollipops for everyone in his class. He made them just like he had learned in his 4-H Club. He made some of them red, some blue, and some green. There were 30 lollipops in all. If $\frac{1}{5}$ of them were red. The rest were blue and green. How many lollipops were not red?</p>	<p>Jason is flying from his home to his grandparents' home in Nebraska. He will leave at 10:46 a.m. and will arrive in Nebraska at 1:35 p.m. What is the total flight time? (Note: Assume no time zone changes.)</p>
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<p>Can 441 be evenly divided by 7? Circle: 441 is evenly divisible by 7 441 is NOT evenly divisible by 7</p>	<p>Write a letter that has two or more lines of symmetry.</p> <p>_____</p>		
	<table> <tr> <td> $\begin{array}{r} 272 \\ - 134 \\ \hline \end{array}$ </td><td> $\begin{array}{r} 31 \\ + 27 \\ \hline \end{array}$ </td></tr> </table>	$\begin{array}{r} 272 \\ - 134 \\ \hline \end{array}$	$\begin{array}{r} 31 \\ + 27 \\ \hline \end{array}$
$\begin{array}{r} 272 \\ - 134 \\ \hline \end{array}$	$\begin{array}{r} 31 \\ + 27 \\ \hline \end{array}$		

$\begin{array}{r} 420 \\ + 293 \\ \hline \end{array}$	<p>How many ounces are in 7 pounds?</p> <p>_____ ounces</p>	$\begin{array}{r} 67 \\ - 42 \\ \hline \end{array}$
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<p>Insert a comma in the appropriate place in this sentence. I had to memorize a poem so I chose something by Wordsworth.</p>	<p>$5 \times 6 =$</p>	<p>26 kg = _____ g</p>
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Name: _____

1 km = 1,000 m	Anne wants to call Emma. Emma is on vacation in Asia. It is a time difference of fourteen hours. Emma's time is always later than Anne's time. If it is 9:31 P.M. where Anne lives, then what time is it where Emma is? _____
13 km = _____ m	
21 ÷ 7 =	

30 ÷ 10 =	Write the missing family fact. 22 + 33 = 55 55 - 22 = 33 55 - 33 = 22 _____
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Which is the smallest? 86.1 ÷ 3.6 86.1 ÷ 3.5 86.1 ÷ 3.7	Choose the word that best completes the sentence. I was sick last week, but now I'm just a little (hoarse/horse).
	8 x 11 =

What time is 15 hours after 4:00 a.m.? _____	Write a letter that has a line of symmetry. _____
Circle the addition property for 53 + 115 = 115 + 53. associative property commutative property	Circle the greatest number: 60,518,924,370 38,674 591,275,019,624 38,582,914

21 ÷ 3 =	Put these adjectives in the correct order. intelligent, nice, young _____
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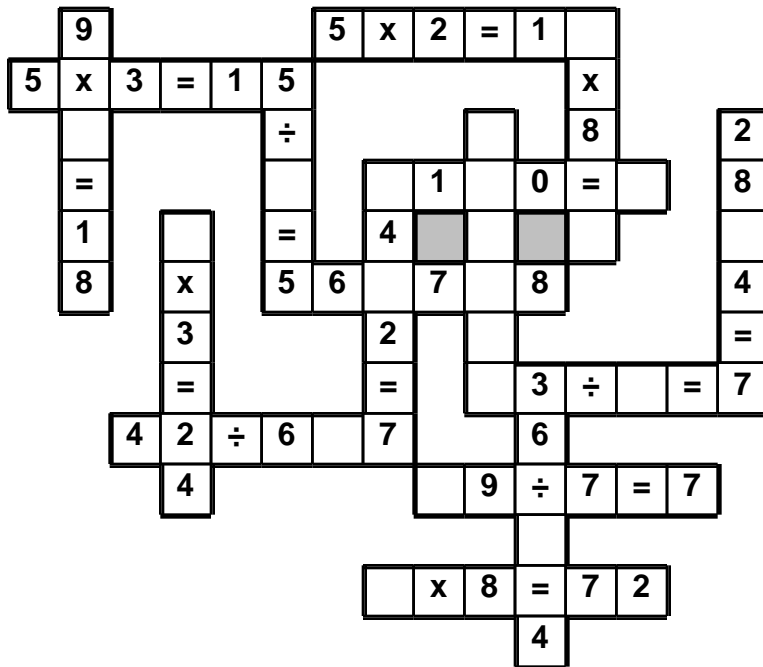
Name: _____

<p>Kevin invented a robotic bug. The bug can crawl three centimeters in twenty-five seconds. How long would it take the bug to crawl twenty-one centimeters?</p>	<p>Circle the smallest number: 31,526 7,984,310,526 45,940,897 3,270,168</p>
<p>In the number 6,068,141, the digit 4 is in what place? _____</p>	<p>Write an equation to represent this: The difference between ten and seven is three. _____</p>
<p>Wendy started checking the batteries in the smoke alarms at 1:44 p.m. She finished checking them 26 minutes later. At what time did she finish checking the batteries?</p>	<p>Mary will win if a random number pulled out of a box is an odd number. 33 pieces of paper, numbered 1 to 33, are put inside a box. What is the chance that Mary will win?</p>
<p>For 499,204,875, write the digit that is in the ten thousands place. _____</p>	<p>Choose the word that best completes the sentence. My parents told me that they would love to meet (your/you're) parents.</p>
<p>$4 \times 10 =$</p>	
<p>$(7 + 3) + 7 =$</p>	<p>Which reference material would you consult to find the answer to this question? What is the etymology of the word "euphemism"?</p>

Name: _____

0 • 2 • 6 • 1 • 1 • x • 0 • 8 • 6 • 0 • ÷ • ÷ • = • 3 • 6 • 9
= • 4 • 9 • 9

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



Emily wants Hannah to guess a two digit number. She tells Hannah that her number has two different digits. The digits are 6 and 1. Hannah thinks. She then guesses the number 16. What are the chances that Hannah has guessed correctly?

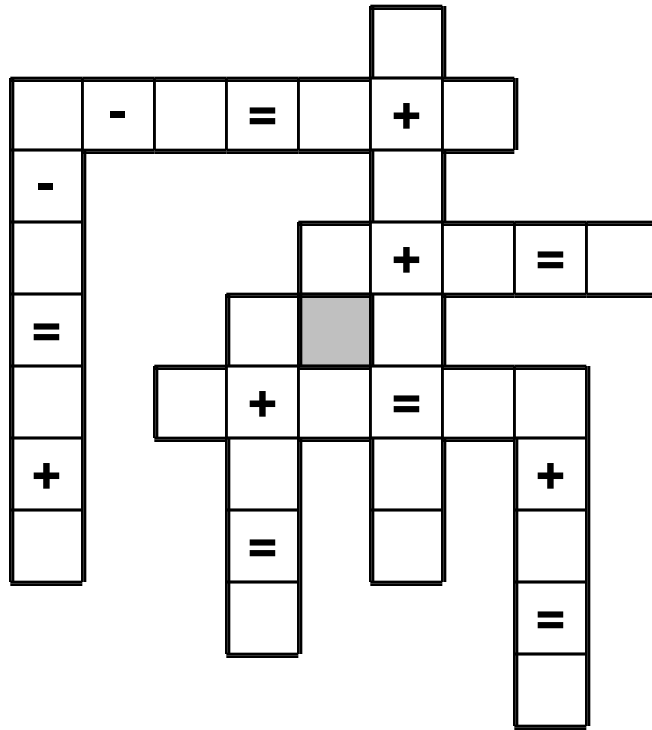
Can 842 be evenly divided by 9? Circle:
842 is evenly divisible by 9
842 is NOT evenly divisible by 9

Write the adjectives in the correct order.
purple, plain, uninteresting

Name: _____

2 • 9 • 1 • 6 • 2 • 6 • 5 • 3 • 3 • 6 • 4 • 5 • 2 • 9 • 1 • 1
0 • 1 • 1 • 2 • 3 • 7 • 5 • 7

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



Reduce $\frac{4}{18}$ to its lowest terms.

Reduce $\frac{70}{95}$ to its lowest terms.

Reduce $\frac{10}{16}$ to its lowest terms.

$(8 - 6) \times 7$

Round the decimal 0.735 to the nearest hundredth.

$6\frac{2}{5} + 9\frac{1}{5}$



Name: _____

Can you guess the word?

No duplicate letters can be used.

D E A L

The letter I is in the word
and is in the correct spot.

C L I M B

The letter L is in the word,
but L is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that
have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

C H A R T

B A D G E

A V O I D

F J K L M N P Q S U W X Y Z

Let's check if you guessed correctly. Look across or
down to find the correct answer.

AARDOKHAOARICDAVAOT
CALFLVNAIOAYRTLVLULL
ZNBVOUICHARTAVOIDAG
ALOFAVKDOUDEIAUUOOV
HBLOOLTVWWUPCMDXO
OIHULAAGDAAMQYLITVV

Hint: There are no duplicate letters in the answer.

P A I N T

P H A S E

B C D F G J K L M O Q R U V W X

Y Z

Let's check if you guessed correctly. Look diagonally
to find the correct answer. (DIAGONAL!)

I E L K I A A P Y W P A L E E
E C G P C T H E A E C L Q C S
A X O N N P A S T I W P A L I
N U M K P P E R D H N T H C P
N D N Z P A H A A P T T S C E
Y L H P C T P A C A E T E E P
U E E C T A L P S A C L O N A
E T N S A P H X E E L E H E A

Hint: There are no duplicate letters in the answer.

F I R E D

C H O R E

A B G J K L M N P Q S T U V W X

Y Z

Let's check if you guessed correctly. Look diagonally
to find the correct answer. (DIAGONAL!)

E J R V R O H R J A C R I A G E H R C
S D X S I E W A R H U F D H H R I E R
D H H D H E R S C I I D C H Z L E S I
I E E C A E R H D H R F H H R A P H I
E I E A O O R S F R R E I Z O F B H E
I E F P R F M U R O S O R R F R R C A
H I H H H R E S R F R S O H E A E A E
C Z F N W A D A F E C O S F J D R R E

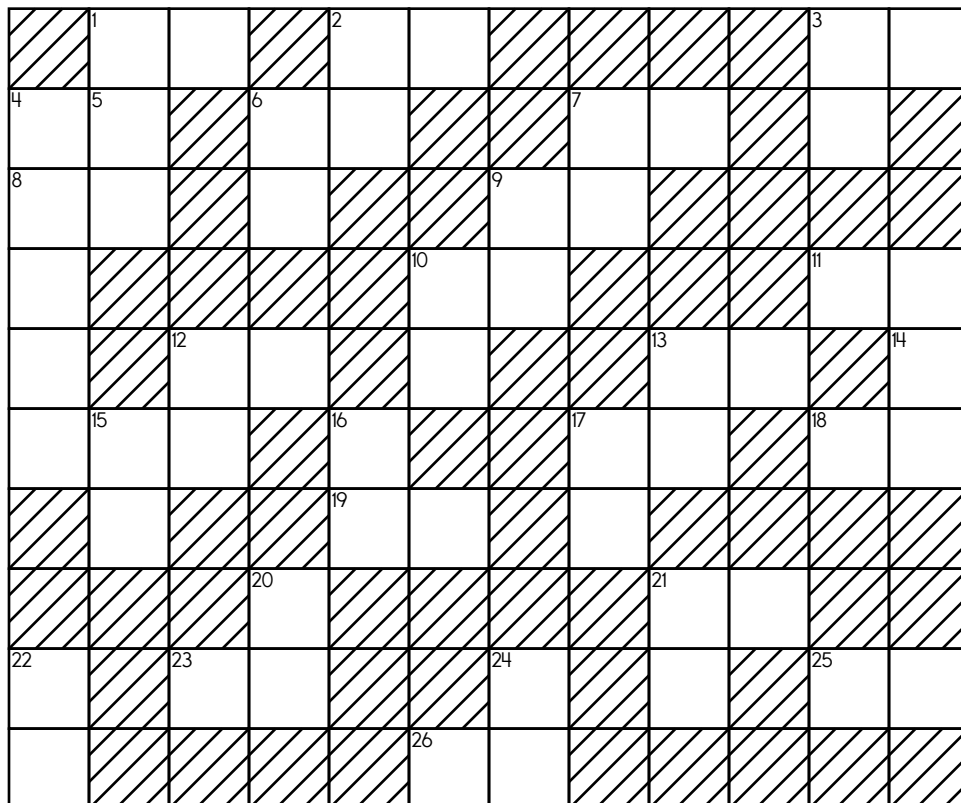
Name: _____

ACROSS

1. $8 + 11$
2. $7 + 16$
3. $3 + 16$
4. $9 + 12$
6. $7 + 14$
7. $7 + 16$
8. $4 + 15$
11. $5 + 15$
12. $4 + 17$
13. $5 + 13$
17. $5 + 13$
18. $7 + 18$
19. $8 + 14$
21. $7 + 13$
23. $7 + 13$
25. $6 + 19$
26. $6 + 15$

DOWN

2. $7 + 14$
3. $3 + 16$
5. $7 + 12$
6. $8 + 19$
7. $7 + 19$
8. **one thousand, thirty-four**
9. $4 + 17$
10. $3 + 17$
12. $9 + 11$
14. $9 + 16$
15. $6 + 12$
16. $6 + 16$
17. $4 + 12$
20. $9 + 11$
21. $8 + 15$
22. $3 + 16$
24. $5 + 16$



Name: _____

Sudoku Sums of 10

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 10.

Here is an example of a sudoku sum of 10:

6	4
---	---

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

How many minutes is it
from 6:00 a.m. to 11:55 a.m.?

A rectangle is 23 cm on
one side and 9 cm on
another side. What is the
perimeter?

How many centimeters in
2.9 meters?

Name: _____

Each row, column, and box must have the numbers 1 through 9.

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

Write the reciprocal.

$$\frac{14}{11}$$

Write the reciprocal.

$$\frac{1}{4}$$

Write the reciprocal.

15

In each pair, circle the word that is spelled correctly.

floating, floting
husband, huzband
thunder, thundre

Name: _____

pessimists • task • aprons • kitchen • practice • playground

Each row, column, and box must have all the words from the word list. Write in the missing words.

		pessimists		task	
		playground		pessimists	practice
playground	practice				pessimists
pessimists					
					playground
				practice	kitchen

Circle the digit in the hundredths place.

89.716

Write 44,714 in words.

Can 656 be evenly divided by 5? Circle:

656 is evenly divisible by 5

656 is NOT evenly divisible by 5

Ava 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?

What is the suffix of the word happiest?

Insert a comma in the appropriate place in this sentence.

Charles Dickens wrote many books but he never finished his last one.

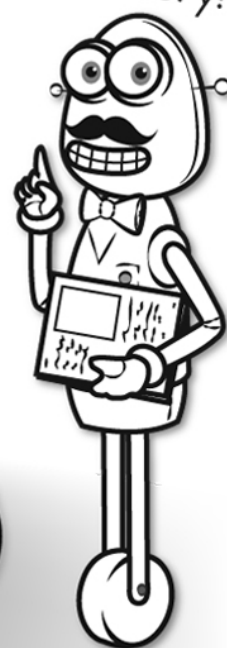


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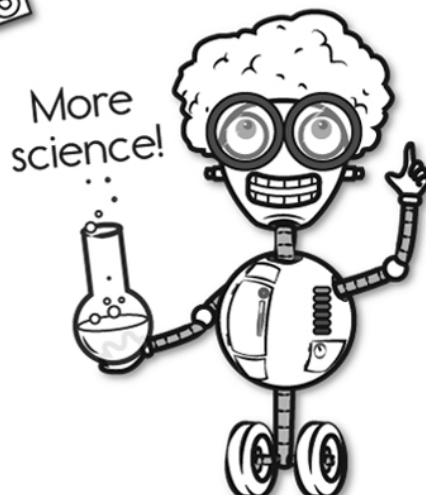
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x
+ =
- ÷
< >

More puzzles!



