

Name: _____

Write any number that fits these clues.

The digit in the ones is greater than the digit in the hundreds place.

It has a digit 9 in the millions place.

It has a digit 5 in the hundred thousands place.

The least digit is in the thousands place.

It has a digit 9 in the ones place.

It is a 7-digit number.

The digit in the ten thousands is greater than the digit in the tens place.

Start with the number 464,832,231.

Now round that to the nearest million.

Then add four ten thousands.

Write the new number.

Start with the number 642,976.

Now round that to the nearest thousand.

Then add six tens.

Write the new number.

Write any number that fits these clues.

It has a digit 2 in the millions place.

The digit in the hundreds is greater than the digit in the tens place.

It has a digit 3 in the ones place.

It has a digit 0 in the tens place.

The greatest digit is in the thousands place.

The digit in the thousands is greater than the digit in the millions place.

It is a 7-digit number.

Kevin thought his homework was going to be easy since there was only ONE equation. But his brother Adam thought it was funny when he erased the addition and subtraction signs. Put them back to make this equation equal to 93.

$$4 \ 1 \ 2 \ 3 \ 2 \ 9 = 93$$

Rewrite the entire equation.

Hint: All the numbers should be less than 100.

Name: _____

MULTIPLYING NUMBERS

TO CHANGE PLACE VALUE

Ahoy mateys! The pirates have spent the day plundering and looting and are back aboard the ship comparing their treasure.

These scallywags have been known to exaggerate the value of their booty. Find out what number each pirate multiplied by and write it below their treasure chests.



Arrrrr, me gots \$7300!



Pirate Pete
multiplied by:

Yo ho ho me hearties,
\$9500 is me loot.



Buccaneer Betty
multiplied by:

This'll shiver ye timbers!
Me booty is 10,000



Cap'n Katie
multiplied by:

Aye landlubbers, \$8000.00
is me total.



Polly
multiplied by:

Avast ye sea dogs, me
treasure is \$9000



First Mate Malone
multiplied by:

Nice job mateys!
That was some
h-**aaaaaar**-d
work!



Which pirate exaggerated the most? _____

Which pirate exaggerated the least? _____

Name: _____

place • thousands • hundreds • tens • ones • millions
 hundred thousands • ten thousands • place value • standard form
 expanded form • hundred millions • ten millions • billions • trillions
 tenths • hundredths • thousandths • ten thousandths
 hundred thousandths • millionths

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

P	S	E	E	T	H	O	U	S	A	N	D	S
I												
C	M	B	S	O	S	I	T	P	L	A	C	E
K	I	I	H	E	H	U	N	D	R	E	D	S
T	L	L										
E	L	L	I	T	M	E	A	S	L	E	S	T
N	I	I	M	A	I	D	L	A	B	E	L	E
T	O	O	T	R	I	L	L	I	O	N	S	N
H	N	N	D	E	E	D	S	O	N	E	S	S
S	S	S										

Write the words found.

<u>MILLIONTHS</u>	<u>TENS</u>	<u>HUNDREDTHS</u>
<u>BILLIONS</u>	<u>THOUSANDTHS</u>	
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Circle all of the words.

billions hundredthsonesthousandspacestandard form
 billionsstandard formhundred millionshundredthstens

Name: _____

place • thousands • hundreds • tens • ones • millions
 hundred thousands • ten thousands • place value • standard form
 expanded form • hundred millions • ten millions • billions • trillions
 tenths • hundredths • thousandths • ten thousandths
 hundred thousandths • millionths

You are the teacher. If a word is spelled correctly, put a checkmark next to it and rewrite the word.
 If the word is misspelled, cross off the word and put an X. Then write the correct spelling.

Hint: There are three words spelled wrong.

Name: Emma

- | | | | |
|----------------|-------------------|--|-------|
| 1. milloinths | _____ | 7. millions | _____ |
| 2. billions | ✓ <u>billions</u> | 8. trillions | _____ |
| 3. place | _____ | 9. hundredths | _____ |
| 4. ones | _____ | 10. thousands | _____ |
| 5. thousandths | _____ | 11. ttenths | _____ |
| 6. tens | _____ | 12. hundereds X <u>hundreds</u> | _____ |

Unscramble the letters to spell a word.

- | | | | |
|------------|-----------------|------------|-----------------|
| lcpae | <u>plac</u> | shdnthtaus | <u>thousand</u> |
| shentt | <u>te</u> | lbinilso | <u>billio</u> |
| ssnhaodtu | <u>thous</u> | nseo | <u>o</u> |
| tndushderh | <u>hundredt</u> | sten | <u>te</u> |
| snlomiil | <u>million</u> | hsurddne | <u>hundr</u> |
| ollisintr | <u>trillion</u> | mihstolnli | <u>million</u> |

Name: _____

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

3**4****0****2****6**

Use the digits to make a 2-digit minus 2-digit subtraction equation. The difference between your numbers should be 4.

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

PREVIEW

Join edHelper.com for full access.

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

2**1****8****7****7**

Use the digits to make a 2-digit plus 2-digit addition equation. The sum of your equation should be 45.

Name: _____

There are 3 birthdays in our class for the month of September. David, Max, and Rose all have birthdays. Rose is the last to celebrate. Her birthday is on the last day of the month. If you add the day numbers of the other birthdays, it equals the day number that Rose celebrates her birthday. The first person to celebrate is David. His birthday is 18 days before the next birthday. On what day numbers are each of their birthdays?

You are given a secret number of 25,893,417.

PREVIEW

Join edHelper.com for full access.

Psst. Whisper the number in the ten millions place: _____

Jessica likes to draw triangles, but isosceles triangles are her favorite.

"They are so cool," she explains. "They have two equal sides and two equal angles. After I draw the triangle, I write the angle that is the same. Can you guess the third angle?"

She drew a red triangle and wrote 43° . She drew a green triangle and wrote 37° . She drew a blue triangle and wrote 25° . What is the third angle for each of her triangles?

Name: _____

**FUN
BREAK!**

Play a game online!

edHelper.com/math-games.htm**I PLAYED
ONE
GAME****MY SCORE**

PREVIEW

Join edHelper.com for full access.

What 3 coins add up to 21 cents?

$$7 \div \frac{1}{2}$$

A rectangle is 39 cm on one side and 11 cm on another side. What is the perimeter?

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

Write $\frac{12}{16}$ in lowest terms.

It was 6 degrees below zero in the morning. By afternoon the temperature rose 25 degrees. How warm was it?

Name: _____

Circle 3 of the smallest numbers.

52,029

78,169

52,735

69,263

92,378

56,265

85,810

87,785

Order the numbers that are left from greatest to least.

Robert thought his homework was going to be easy since there was only ONE equation. But his brother Gavin thought it was funny when he erased the addition signs. Put them back to make this equation equal to 94.

$$6 \ 6 \ 1 \ 4 \ 6 \ 8 = 94$$

Rewrite the entire equation.

PREVIEW

Join edHelper.com for full access.

Now round that to the nearest million.

Then add seven ten millions.

Write the new number.

How much larger or smaller is the new number compared to the original 6,955,724,191 number? Explain in words spelling out any numbers.

10,835

58,403

84,035

38,501

40,358

35,840


Order the numbers that are left from greatest to least.

Name: _____

GREATEST COMMON ~~FACTORS~~ MEATBALLS

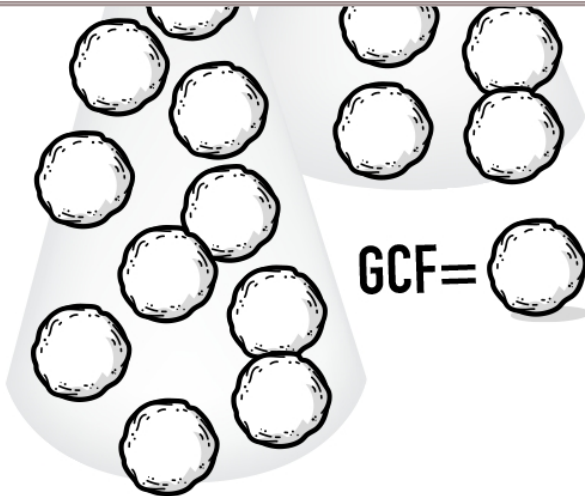
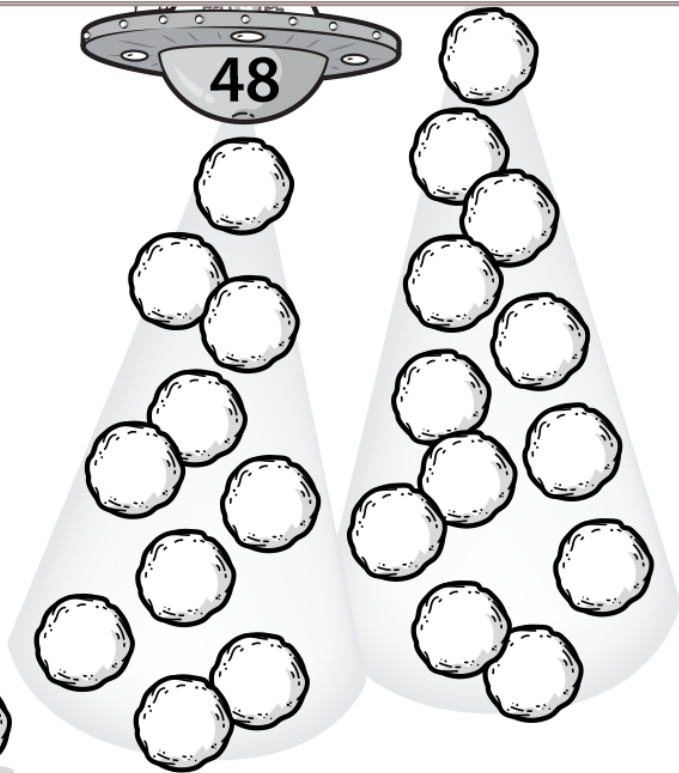




These aliens have come for our planet's *delicious* meatballs. List the factors of each spaceship. Shade the common meatballs and find the greatest common meatball.

GCF = 

PREVIEW

Join edHelper.com for full access.

GCF = GCF = 

Name: _____

I am a 3-digit number greater than 900. I am divisible by 7. Write any number that fits this.

I am a 3-digit number with a 7 in the hundreds place. My tens digit is 2 less than my ones digit. Write any number that fits this.

PREVIEW

Join edHelper.com for full access.

I am a 4-digit number with a 2 in the ones place. My thousands digit is less than my hundreds digit. Write any number that fits this.

Name: _____

I am a whole number. When rounded to the nearest ten-thousand, the answer is 70000. The sum of my digits is 33. If you add 75000 to this number and then round the new number to the nearest ten-thousand, the answer becomes 80000. What number am I?

I am the smallest whole number that will round to 40,000 when you round to the nearest thousand

PREVIEW

Join edHelper.com for full access.

The number 650 is the smallest whole number that when rounded to the nearest _____ will be 700.

Name: _____

David and Emma are doing their math homework. Their teacher gave them each 16 pages of math facts to practice. Each page has 6 rows and 5 columns of problems. David can do a row of problems in about 8.5 seconds. Emma is faster. She can do a row of problems in 7.7 seconds.

How much time will David need to finish his math homework?

Jessica and Anne are at the paint store. They want to paint 6 rooms in their house. Each room has 290 square feet of wall to be painted. "How much paint do you think we should

PREVIEW

Join edHelper.com for full access.

Jessica likes to run. She used a running app on her phone in April. During the month, she ran an average of 2.2 miles per day. How many miles did she run for the entire month?

Name: _____

Nathan thought his homework was going to be easy since there was only ONE equation. But his brother Hunter thought it was funny when he erased the subtraction signs. Put them back to make this equation equal to 32.

$$9\ 5\ 4\ 4\ 3\ 1\ 6 = 32$$

Rewrite the entire equation.

You are working on a secret case to figure out how much money April has. You've worked really hard and discovered these clues:

April does not have a hundred thousand dollars.

The amount of money April has is divisible by \$3.

April has more money than her sister. Her sister has a thousand dollars.

While you might not know exactly how much money she has, can you come up with the smallest and largest amount of money that she **COULD** have?

PREVIEW

Join edHelper.com for full access.

It was 74 degrees outside. What would the temperature be if it got 23 degrees colder?

How many centimeters in 8.3 meters?

$$9\frac{1}{3} + 4\frac{2}{3}$$

Explain what is meant by the underlined phrase.

The sun was a ball of fire on that hot summer day.

Name: _____

Compare the numbers. Write $>$, $<$, or $=$.

8,906 _____ 8,036

25,265 _____ 26,547

27,305 _____ 25,854

Order the numbers from least to greatest.

232,522, 48,554, 387,677Rewrite the numbers in order from
smallest to largest.

_____, _____, _____

five hundred fourteen thousand, seventy-six

Use paper and pencil to answer.

The sum of 173 and 794 is _____.

PREVIEW

Join edHelper.com for full access.

417,460

41,746

417,046

4,170,460

What is the value of the 5 in 25,340?

50,000

500,000

5,000,000

5,000

Which of these is eight thousand more than
526,622?

526,702

527,422

534,622

606,622

Name: _____

Anne thinks she has a headache, at least after trying to figure out the unknown number from the clues. All she was given is that when 17 is subtracted from the unknown number and then she divides that by 2, it gives the same value as when 51 is subtracted from the unknown number. What is the unknown number?

Eric will not tell you how many points he has in the PointsGazoomer app. All he told you is that if you triple the number of points you have, then you will have one-half the number of

PREVIEW

Join edHelper.com for full access.

Holly thinks she has a headache, at least after trying to figure out the unknown number from the clues. All she was given is that when 26 is subtracted from the unknown number and then she divides that by 3, it gives the same value as when 72 is subtracted from the unknown number. What is the unknown number?

Name: _____

Granny Gertie's SQUARES & CUBES



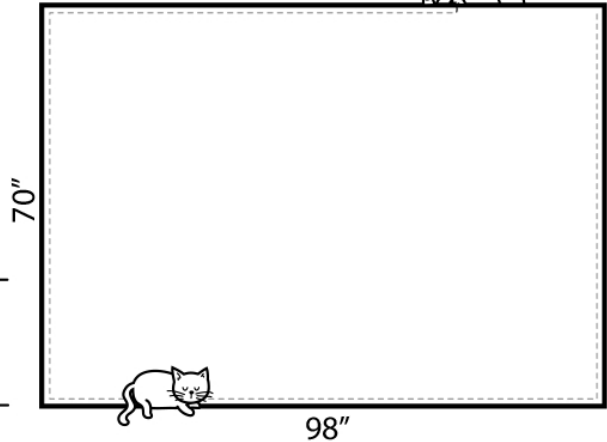
1. Granny Gertie is making a rectangular quilt. The quilt is 98 inches by 70 inches. Granny's hands are getting tired. Find the fewest (largest) quilting squares she can use.



Divide her quilt squares. →

Number of Squares: _____

Square Size: _____



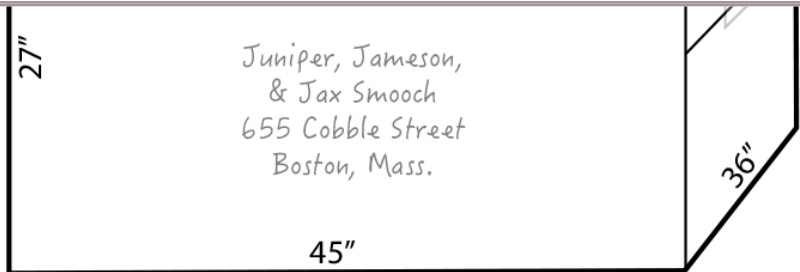
2.

PREVIEW

Join edHelper.com for full access.

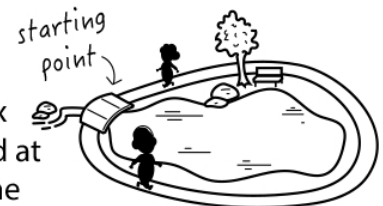
Largest Pillow Size: _____

Number of Pillows: _____



3.

Granny Gertie and Gigi Jeannine both start at six AM at the bridge and walk laps around the pond at Friendship Acres Retirement Home. Gigi Jeannine takes 10 minutes to walk one lap. Granny Gertie gets a little competitive and takes 8 minutes to walk one lap. After how many minutes would the two meet again at the bridge?



_____ Minutes

Name: _____

The number 500 is the smallest whole number that when rounded to the nearest
_____ will be 1000.

I am the largest whole number that rounds to 180 when rounding to the nearest ten.

PREVIEW

Join edHelper.com for full access.

I am the largest whole number that rounds to 70 when rounding to the nearest ten.

Name: _____

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

8**8****8****8****2**

The sum of these two numbers is 36. Write the equation.

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

PREVIEW

Join edHelper.com for full access.

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

3**2****0****2****2****1****0****4**

Use the digits to make a 2-digit minus 2-digit subtraction equation. The difference between your numbers should be 12.

Name: _____

This number is so cool. The tenths place is twice its ones. The tens place is 5 less than its hundredths. The sum of its digits is 25. What's the cool number?

_____ . _____

What is $\frac{2}{3}$ of 54? Show your work.

PREVIEW

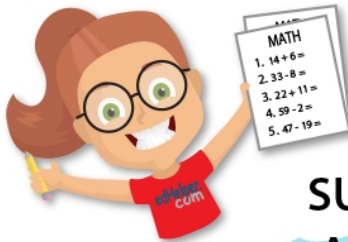
Join edHelper.com for full access.

Sally bought a kit to make fidgets. The box says that you can make up to 20 fidgets, so that would be the most she could make. Sally tried to make one. It took her 39 seconds to make. How many fidgets can she make in an hour? Assume she takes a 11-second break after making each fidget.

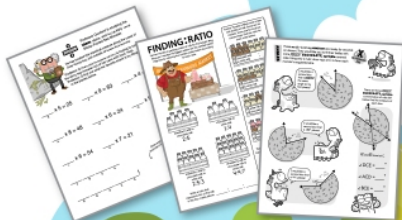
Subscribe to Get Answer Keys



and Weekly Math, Challenge Workbooks, Posters, Daily Reading, and so much more!



SUBSCRIBE TO RECEIVE EVEN MORE
Answer Keys • Effective Activities • Access
to as many printables as you need!



edHelper.com



It's NO PREP at edHelper.

More history!



edHelper.com!



New online math games!



1 2 3



New ideas!



x
+ =
- ÷
< >

More puzzles!





Name: _____

Unscramble these letters to spell a two-digit number with two different digits.

vehiiryttf- _____ (35)

nseoytw-etv _____

Erin invited her friends over to celebrate her birthday. She has 28 boxes of strawberry sour mints to give her friends. In their goodie bags she gave them each 2 boxes of strawberry sour mints. She has 16 boxes left. How many goodie bags did she give out?

Is 41 a composite or a prime number?

11, 13, _____, 17, 19, 21,
23, 25, 27, 29

This number is one thousand more than 6,849.

Name: _____

April has 80 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

David is making his favorite ultimate chocolate chip cookies for a huge party at school. He just finished dropping rounded tablespoons of dough on his cookie sheet and was able to fit 15, which will make 15 cookies. The problem is that he needs to make 108 cookies for his party, and his oven can only fit one cookie sheet at a time. How many cookie sheets will he need to bake?

What is $\frac{4}{7}$ of 336? Show your work.