Name: _____

Start with the number 55,419,218.

Now round that to the nearest million.

Then add four ten millions.

Write the new number.

How much larger or smaller is the new number compared to the original 55,419,218 number? Explain in words spelling out any numbers.

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

Amy does not have a hundred thousand dollars.

The amount of money Amy has is divisible by $5.

Amy 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?

Connor thought his homework was going to be easy since there was only ONE equation. But his brother Jason thought it was funny when he erased the addition and subtraction signs. Put them back to make this equation equal to 36.

4 5 1 1 0 = 36

Rewrite the entire equation.

Hint: All the numbers should be less than 100.

Write any number that fits these clues.

It has a digit 4 in the hundreds place.

The least digit is in the tens place.

It has a digit 2 in the ones place.

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

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

It is a 7-digit number.

The greatest digit is in the ten thousands place.

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.

Pirate Pete
multiplied by:

_____

Buccaneer Betty
multiplied by:

_____

Cap'n Katie
multiplied by:

_____

Polly
multiplied by:

_____

First Mate Malone
multiplied by:

_____

Which pirate exaggerated the most?_____

Which pirate exaggerated the least?_____

Name: _____

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

7 0 7 5 8 6

The sum of these two 2-digit numbers is 143. Write the full equation.

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

4 1 8 3 0 8 7

The sum of these two 2-digit numbers is 165. Write the full equation.

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

6 7 7 3 1 8

The sum of these two numbers is 43. Write the equation.

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

Words can be to the RIGHT, DOWN, LEFT, or UP. Every letter is used ONCE.

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

Write the words found.

THOUSANDTHS _____ PLACE _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

Amy wrote down a fraction on a piece of paper. If you take her fraction and multiply it by seven you get twelve. Can you guess what her fraction is?

Circle the greatest number:

1,657,940,832

853,241,967

460,917

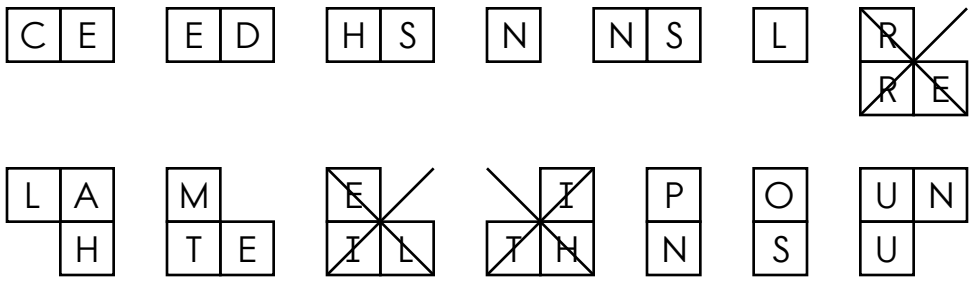
5,823

$$\begin{array}{r} 266 \\ -\ 191 \\ \hline \end{array}$$

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

Use each of the blocks to spell six words.
Hint: The word millionths is a word in the blocks.



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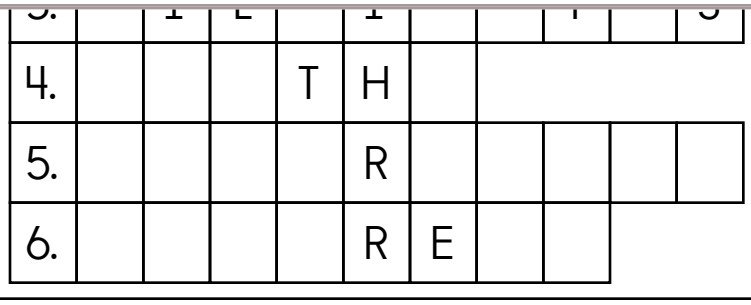

Circle the spelling words.

standard formplace valueten thousandsplaceones
place valueten millionsplaceten thousandsonestens
ten thousandsplaceplace valueten thousandsplace

Name: _____

Circle the spelling words.

tenstrillionsstandard formhundred millionsbillionsones hundred millionsstandard formtenstrillionsonestens standard formtrillionshundredstenshundred millions

The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

G C _ N C _ S _ C Y
R _ H C _ S _ X _ T
B N _ _ D G B T _ J

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N C C _ T G _ N F R
T T _ R _ E F K _ D
Y D _ C _ T N M R Y

ADVOCATE • OFFER • COUNTY
TARGET • COURT • SUBDUE
EMBRACE • CONSTRUCT • BLANK
CALENDAR • JEOPARDY

120 ÷ 10 =

7 x 11 =

$$\begin{array}{r} 85 \\ -\ 44 \\ \hline \end{array}$$

Write this as a number in standard form.
Use a comma in your number.

five hundred nineteen thousand, nine hundred twenty-four

_____

8 km = _____ m

$$\begin{array}{r} 251 \\ +\ 342 \\ \hline \end{array}$$

word root **medi** can mean **middle** **median, mediate**

Name: _____

FUN BREAK!

Play a game online!

edHelper.com/math-games.htm

I PLAYED ONE GAME

MY SCORE

PREVIEW

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Which number has exactly 5 hundreds?

What is the sum of 30 and 843?

Jessica has 44 books. She organized them equally into 4 boxes. How many books in each box?

Which of the following is the greatest possible 2-digit number with all different digits?

If you exchange 90 dimes for dollars, then how many dollars would you get?

This number is one ten more than 7,820.

How many feet are in 72 inches?

_____ feet

Add the correct end punctuation for this sentence.

I love riding roller coasters

Name: _____

Start with the number 445,921,994.

Now round that to the nearest million.

Then add two hundred thousands.

Write the new number.

Justin thought his homework was going to be easy since there was only ONE equation. But his brother Kevin thought it was funny when he erased the addition signs. Put them back to make this equation equal to 134.

9 5 5 2 6 8 = 134

Rewrite the entire equation.

Start with the number 64,673.

Now round that to the nearest thousand.

Then add six hundreds.

Write the new number.

PREVIEW

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865,140 416,580

651,408 408,651

514,086 304,186

Order the numbers that are left from greatest to least.

It has a digit 3 in the tens place.

The digit in the thousands is less than the digit in the hundreds place.

It has a digit 0 in the ones place.

The greatest digit is in the hundreds place.

The digit in the ones is less than the digit in the ten thousands place.

It has a digit 0 in the thousands place.

It is a 5-digit number.

Name: _____

five hundred fifteen thousand, fifty-nine

515,590 | 515,059 | 51,559 | 5,150,590

What is the value of the 9 in 956,180?

What is the value of the 6 in 5,406,319?

600 | 60 | 6,000 | 60,000

Which of these is two thousand more than 424,205?

424,225 | 444,205 | 424,405 | 426,205

PREVIEW

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57,840 , 76,616 , 702,435

Rewrite the numbers in order from smallest to largest.

_____, _____, _____

697 _____ 8,097

43,162 _____ 42,071

39,178 _____ 37,752

Use paper and pencil to answer.

The sum of 283 and 573 is _____.

five hundred fifteen thousand, seventy-two

Name: _____

I am a 5-digit number greater than 70,000. I am divisible by 8. Write any number that fits this.

I am a 4-digit number with a 5 in the ones place. My tens digit is less than my hundreds digit. Write any number that fits this.

PREVIEW

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I am a 4-digit number less than 4,000. I am divisible by 6. Write any number that fits this.

Name: _____

Pumpkins are on sale for $2.26 per pound. Max bought a 3-pound pumpkin. Eric bought a 6-pound pumpkin. How much more did Eric pay?

Jason 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 6 minutes. If he is able to

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Jacob tried to write out the number for 968,700. He wrote nine hundred sixty-eight thousand seven hundred. Is anything wrong?

Name: _____

Jack thought his homework was going to be easy since there was only ONE equation. But his brother Nathan thought it was funny when he erased the subtraction signs. Put them back to make this equation equal to 42.

8 9 1 9 2 2 6 = 42

Rewrite the entire equation.

Circle 3 of the smallest numbers.

6,537,032 1,766,671

6,235,248 7,986,097

8,669,993 7,013,690

Order the numbers that are left from greatest to least.

PREVIEW

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missing.

112 ÷ 7 = 16

112 ÷ 16 = 7

7 x 16 = 112

$\frac{8}{9}$ $\frac{7}{9}$

What would the temperature be if it got 22 degrees colder?

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{1}{8}$ would go. Is $\frac{1}{8}$ closer to 0, $\frac{1}{2}$, or 1?

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{3}{11}$ would go. Is $\frac{3}{11}$ closer to 0, $\frac{1}{2}$, or 1?

Circle the three numbers whose product equals 480.

6 9 6

8 7 10

word root **spir** can mean **breath** **perspiration, respiration**

Name: _____

The number 4499 is the largest whole number that, when rounded to the nearest

_____, will be 4000.

I am the largest whole number that will round to 990,000 when you round to the nearest ten-thousand.

PREVIEW

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I am the largest whole number that rounds to 20 when rounding to the nearest ten.

Name: _____

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 his points. You have 452,916 points. How many points does Eric have?

Emma 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 14 is subtracted from the unknown number

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Ava 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 7, it gives the same value as when 53 is subtracted from the unknown number. What is the unknown number?

Name: _____

Circle the bigger number. Put a square around the smaller number.

59.3 tenths

7 hundredths

Which number is the smallest? Which number is the largest?

What is the difference between the largest and smallest numbers?

PREVIEW

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Sally bought a kit to make fidgets. The box says that you can make up to 357 fidgets, so that would be the most she could make. Sally tried to make one. It took her 44 seconds to make. How many fidgets can she make in an hour? Assume she takes a 10-second break after making each fidget.

Name: _____

The number 745 is the smallest whole number that when rounded to the nearest

_____ will be 750.

I am the smallest whole number that rounds to 190 when rounding to the nearest ten.

PREVIEW

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I am the largest whole number that will round to 620,000 when you round to the nearest ten-thousand.

Name: _____

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

0 4 7 0 7 2 5 4

Use the digits to make a 2-digit minus 2-digit subtraction equation. The difference between your numbers should be 15.

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

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

7 5 1 4 9 3 0 6

Use the digits to make a 2-digit plus 2-digit addition equation. The sum of your equation should be 50.

Name: _____

Robert 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 66 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?

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12 and 70.8

16 and 100.8

9 and 53.1

4 and 23.6

18 and 106.2

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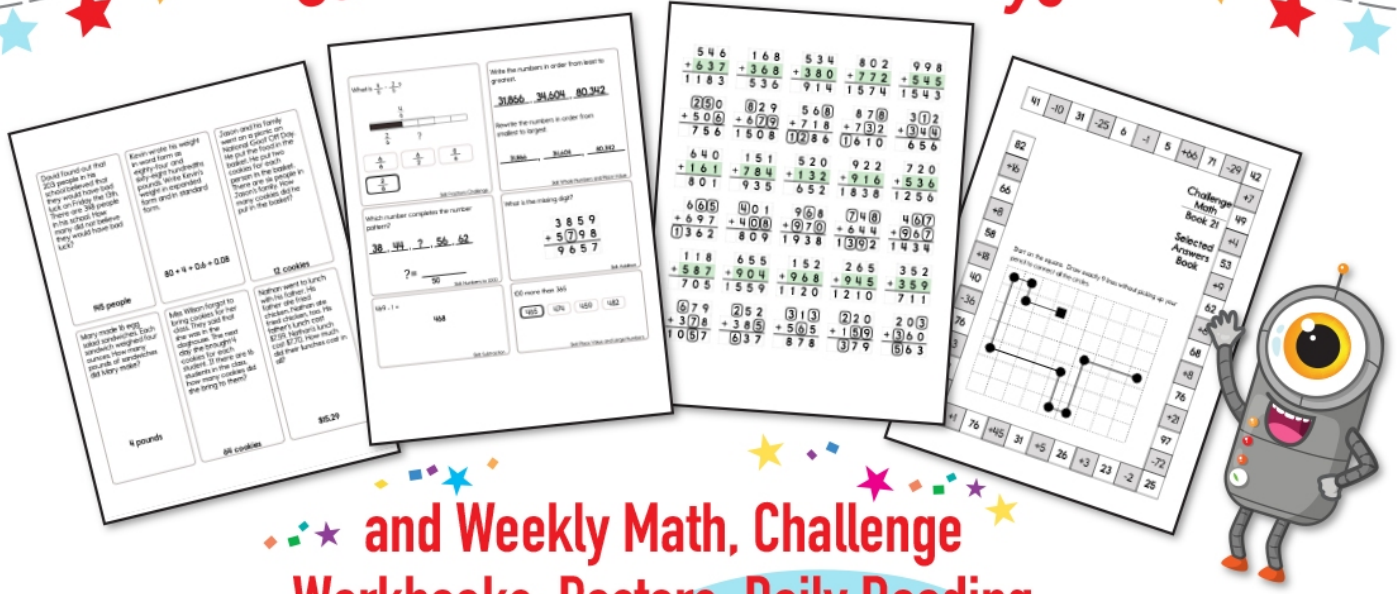

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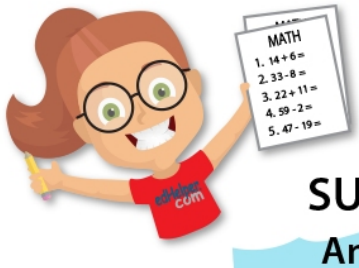

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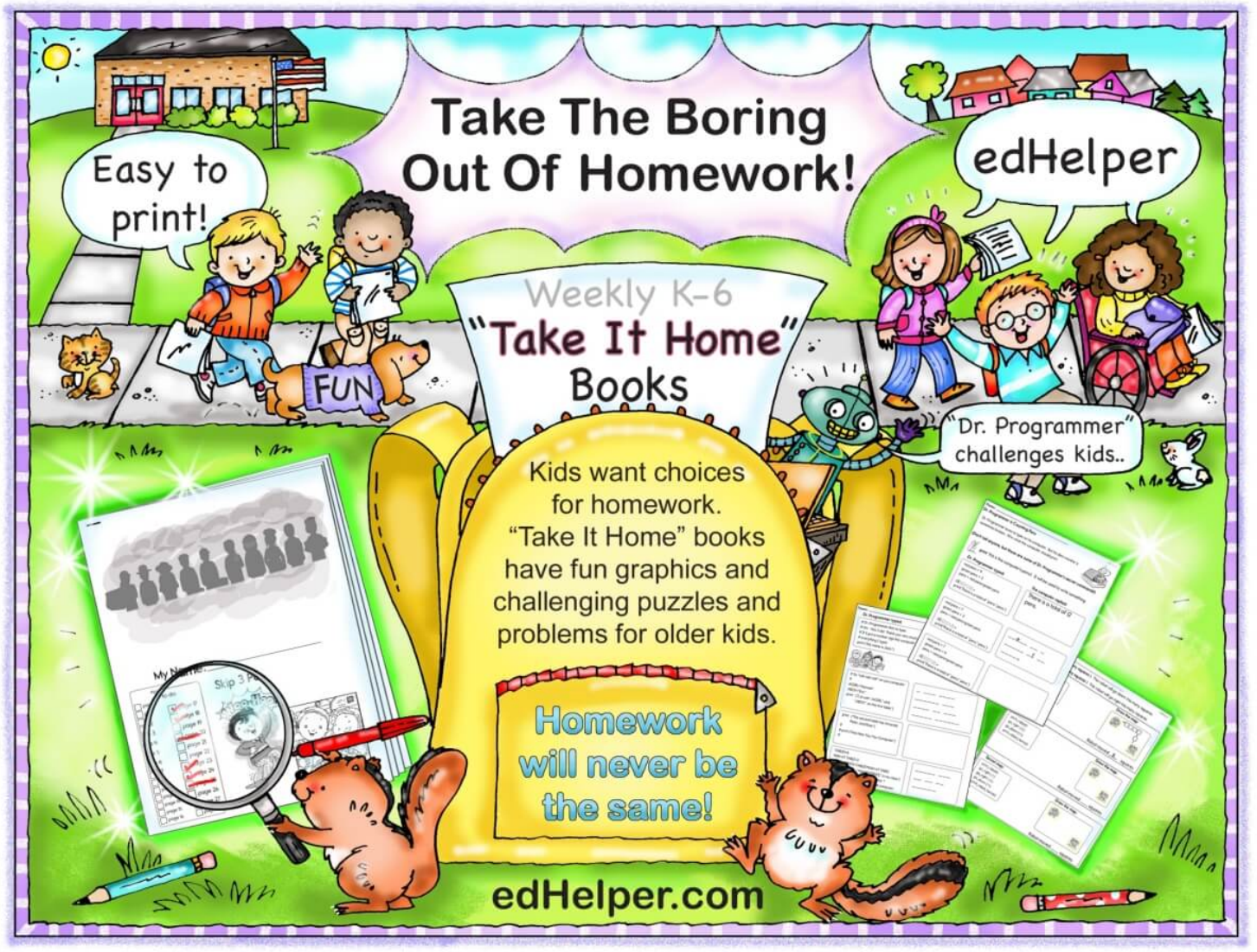
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Name: _____

Draw an area model to solve 38 x 7.

Holly drew a square with an area of 64 square centimeters. Kevin drew a square with an area of 225 square centimeters. How much bigger is the perimeter of the square that Kevin drew than the perimeter of the square that Holly drew?

You need to add what to 79 to get 86?

Which number has exactly 18 ones?

How much greater is 173 than 47?

Name: _____

"I can quickly divide a three-digit number by a two-digit number," Emily tells Nathan.

"Yeah, sure," replies Nathan. "Then what is 595 divided by 35?"

Emily has a trick. She will distract Nathan while you figure it out. Show your work!

Put a circle around the smallest number. Put a square around the largest number.

What is the difference between the largest and smallest numbers?

4.66 4.6 4.57 4.554 4.60

Sally bought a kit to make fidgets. The box says that you can make up to 22 fidgets, so that would be the most she could make. Sally tried to make one. It took her 33 seconds to make. How many fidgets can she make in an hour? Assume she takes a 10-second break after making each fidget.