

Name: _____

Ack! Wendy forgot how to unlock her phone, but it has a special unlock program. The program says that the unlock code is 5 digits. All the digits are different numbers. The digit in the hundreds place is 3 more than the digit in the ones place. The digit in the ten thousands place is 2 less than the digit in the tens place. Any number that fits the above rules will work. Can you name one number that will work?

Ack! Pam forgot how to unlock her phone, but it has a special unlock program. The program says that the unlock code is 3 digits. All the digits are different numbers. The digit in the ones place is 4 less than the digit in the hundreds place. The digit in the tens place is 1 less than the digit in the hundreds place. Any number that fits the above rules will work. Can you name one number that will work?

Anne has a lot of cones! She put down one cone outside of her house. She then walked three thousand inches and put down another cone. She kept doing this. By the time she put down her last cone she had walked thirty thousand inches. How many cones did she put down?

Pam has a lot of cones! She put down one cone outside of her house. She then walked eight hundred inches and put down another cone. She kept doing this. By the time she put down her last cone she had walked four thousand eight hundred inches. How many cones did she put down?

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:

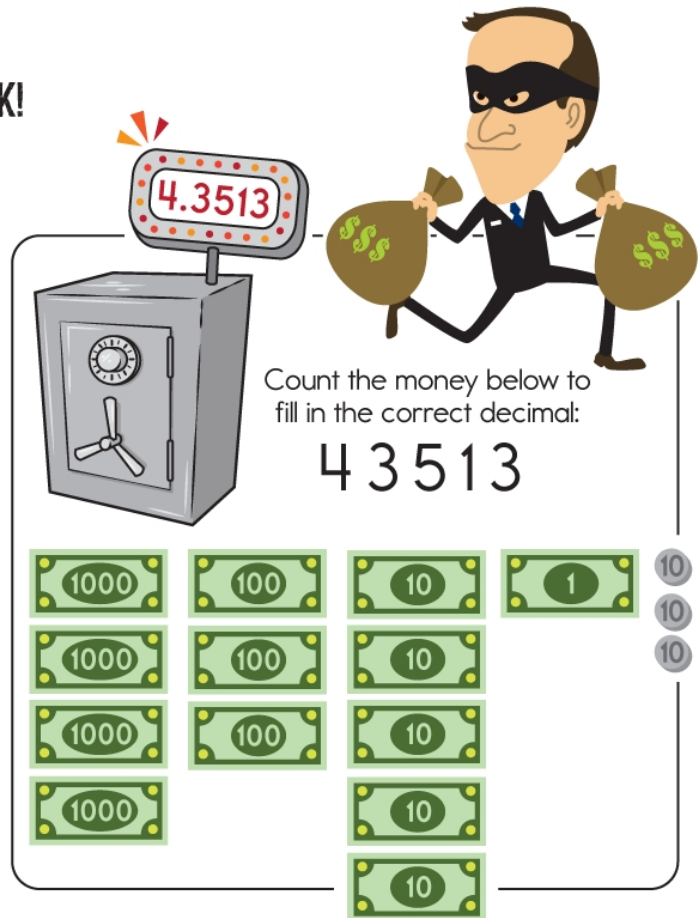
Nice job mateys!
That was some
h-**aaaaaar**-d
work!



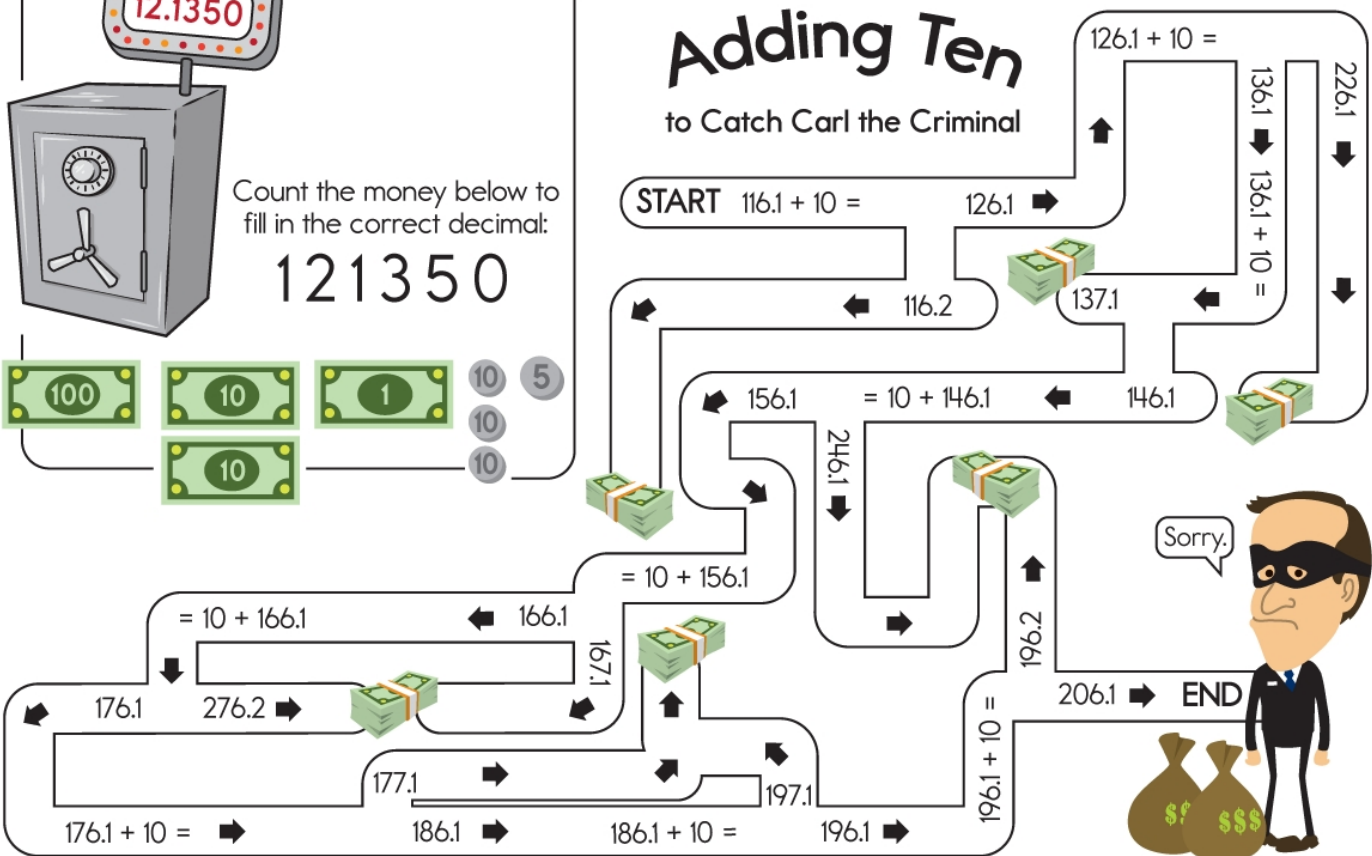
Which pirate exaggerated the most? _____

Which pirate exaggerated the least? _____

Place each decimal in the correct position so Carl doesn't make off with all the extra cash.



to Catch Carl the Criminal



Name: _____

What is the missing digit?

$$\begin{array}{r} 7426 \\ - \square 852 \\ \hline 1574 \end{array}$$

What is the missing digit?

$$\begin{array}{r} 1533 \\ - \square 48 \\ \hline 685 \end{array}$$

$$\begin{array}{r} 96 \\ - 47 \\ \hline \end{array}$$

7 tens - 3 tens = _____tens

14 hundreds - 5 hundreds =
_____hundreds

What must be added to 76 to get 80?

$$\begin{array}{r} 33 \\ - 25 \\ \hline \end{array}$$

7 hundreds - 4 hundreds = 3 _____

Name: _____

518 is _____ 581

greater than

equal to

less than

What is 10 more than 6,008?

6,108

6,018

7,008

16,008

 $7849 = 7000 + \text{_____} + 40 + 9$

One hundred more than 8,462.

8,562

7,462

8,362

9,462

PREVIEW

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2 thousands, 3 tens

2,030

1,100

209

290

110

4,975 is _____ 4,920

equal to

less than

greater than

What is one hundred more than eight thousand, five hundred ninety?

8,690

8,600

18,590

9,590

Name: _____

Mrs. Thompson wrote the numbers 7 and 35 on the board. She always had a weird way to teach math. "Now, class," said Mrs. Thompson. "My printer is broken. Please write your own math problem using these numbers."

Amanda collects squishies. Before she started getting serious about collecting, she only had 7 of them. But now she has 21 squishies. She ordered 9 really big squishies online.

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"Fine," said Megan to her brother Hunter. "I'll let you have my Legos for a dollar, but you will have to walk the dog for me this week."

"Deal!" said Hunter. He went to his room to get a dollar bill, but all he had was coins. "How did that happen?" he thought.

He counted 5 dimes, 35 pennies, and 3 nickels. Does he have enough money?

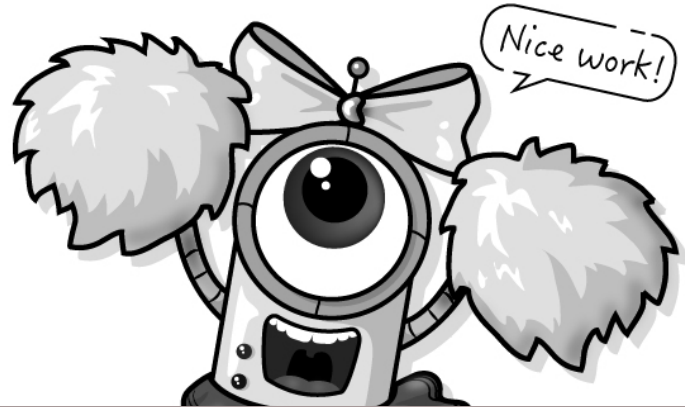
If he does, what should he give Megan?

If he does not, how much money does he need?

Name: _____

**FUN
BREAK!**

Play a game online!

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

PREVIEW

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$35 \div 7 =$

which number has exactly
2 tens?

$21 + \underline{\quad} + 27 = 61$

$2 + (8 + 2)$

Is 42 a composite or a
prime number?

Which number is a 4-digit
odd number?

Name: _____

April keeps getting better each time she plays ZapIt. The first game she got 43,018 points, the second game she got 48,027 points, and the third time she got 53,036 points. A pattern! Wow, weird. What's your guess for how many points she will get in her fourth game? Why?

Put these numbers in order. Write down each comparison you do to figure out the order.

1,101,743

1,101,746

11,017,400

1,101,720

PREVIEW

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about them, such as why they are similar or different.

15,057

9,057

77,057

has a special unlock program. The program says that the unlock code is 4 digits. All the digits are different numbers. The digit in the hundreds place is 5 more than the digit in the ones place. The digit in the tens place is 4 more than the digit in the thousands place.

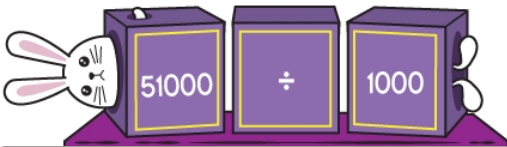
Any number that fits the above rules will work. Can you name one number that will work?

Name: _____



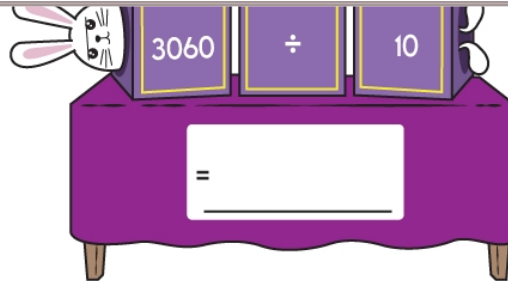
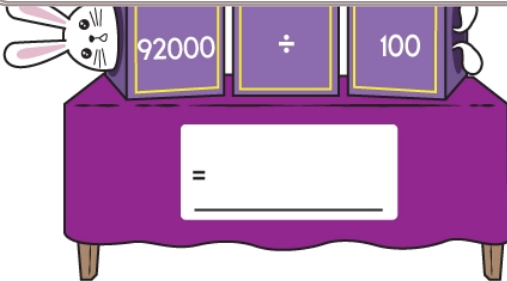
Gary the Great
is performing his famous
SAWING NUMERS trick.

Write the numbers he ends
up with on each table.



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$$30 \times \boxed{} = 3000$$

$$508 \times \boxed{} = 5080$$

$$7031 \times \boxed{} = 703100$$



Name: _____

The tens place is the number of sides a triangle has.

The ones place is the value of a nickel and a penny.

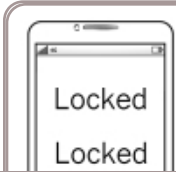
Write the sum of 3 and 2 in the thousands place.

The hundreds place is 3.

The tenths place is the missing number from this pattern:

3, ____, 11, 15

Write the sum of 4 and 4 in the hundredths place.



Help! Your phone is locked. Use the clues above to unlock it. Good luck!
Be careful. This phone is very secure. It has decimals in the passcode!

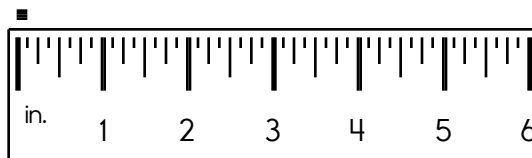
PREVIEW

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key is correct.

What place value does the 7
have in 74,612?

Write the length in inches.



$$\begin{array}{r} 39 \\ + 25 \\ \hline \end{array}$$

How many days are in March?

Write whether this fragment is missing a
subject or a verb.

is dancing with abandon

Name: _____

Rosa _____ 35 tens into 3 hundreds and 5 tens.

decreased

increased

averaged

regrouped

Use paper and pencil to answer.

$$214 + 316 =$$

What are the missing digits?

$$\begin{array}{r} 41\Box \\ + \Box\Box5 \\ \hline \end{array}$$

Use paper and pencil to answer.

$$15 + 29 =$$

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

23

•

•

30

24 tens + 6 tens

•

•

300

25 ones + 5 ones

•

•

3 ones + 2 tens

Use paper and pencil to answer.

$$33 + 16 =$$

Name: _____

Amy invited her friends over to celebrate her birthday. She has 36 boxes of strawberry sour mints to give her friends. In their goodie bags she gave them each 3 boxes of strawberry sour mints. She has 18 boxes left. How many goodie bags did she give out?

Sarah can't find her phone, so she is using an old fashioned map to see how far away two cities are. She measured that they are 4 centimeters apart. If the scale says that 1 cm =

PREVIEW

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Robot AQD said, "I have YYYYYY robot cats."

Robot EFG said, "I have Y robot cats."

Robot cat said, "Each Y stands for four cats. We have lots of cats!"

How many cats does Robot AQD have? How many cats does Robot EFG have?

Name: _____

In 6,498, what does the digit 6 stand for?

6 thousands

600 hundreds

6 hundreds

Write 14,058 in word form.

$$\begin{array}{r}
 63752 \\
 + 16735 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 2681 \\
 + 35318 \\
 \hline
 \end{array}$$

PREVIEW

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$$\begin{array}{r}
 10000 \\
 \hline
 \end{array}$$

20,973 , 52,241 , 43,507

Rewrite the numbers in order from smallest to largest.

_____, _____, _____

$$\begin{array}{r}
 31147 \\
 - 3845 \\
 \hline
 \end{array}$$

Write 14 in word form.

Name: _____

Write the numbers in order from least to greatest.

275,891 , 931,611 , 15,443

Rewrite the numbers in order from smallest to largest.

_____, _____, _____

Write four thousand, twenty in standard form.

In 5,928, what does the digit 9 stand for?
It stands for 9

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

PREVIEW

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30,347 _____ 31,365

Which number completes the number pattern?

48,830 , 48,730 , 48,630 , 48,530 , ?

? = _____

900,045 is _____.

congruent

an estimate

in standard form

Name: _____

Use any of these digits. Cross off a digit after you use it.

8

2

7

8

4

2

Write the largest 2-digit number that you can come up with that is less than 0. Remember that -1 is larger than -10.

Use any of these digits. Cross off a digit after you use it.

2

2

7

2

PREVIEW

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Use any of these digits. Cross off a digit after you use it.

1

4

2

2

0

4

Write the largest 3-digit number that you can come up with that is divisible by 7.

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

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

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

Write the words found.

TRILLIONS _____ HUNDREDTHS _____

PREVIEW

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List the first four multiples of 10.

What is a good estimate for 9 times 68?

$$3 \overline{)24}$$

Write the shaded part as a decimal.



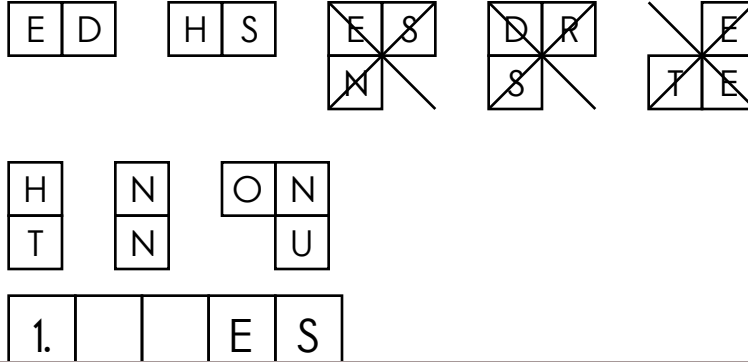
Calculate the sum of 28, 32, and 24.

☐ round☐ ruond☐ raand☐ raondword root **scrib** can mean **write****scribble, scribe**

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

Use each of the blocks to spell four words.
 Hint: Use the words tens and hundreds.



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Try to spell some words.

lio • mil • ce • red • ns • on • ~~ns~~ • ths • dre • hu
~~xi~~ • ~~ix~~ • nd • es • ds • pla • hun

trillions _____

17 - 9 = _____

If twenty-four crayons are divided into eight equal rows, how many crayons are in each row?

word root **cede** can mean **go**

recede, precede

Name: _____

Circle the spelling words.

hundredthstenthshundred millionsthousandsplace
 tenthshundred millionsplacethousandshundredths
 hundred millionsplacethousandshundred millions

Try to spell some words.

ed • an • ds • th • ~~h~~ • ~~s~~ • ns • ous • ndr • th • ds
 ons • hu • bi • mi • ~~o~~ • an • lli • ous • ~~en~~ • lio • ten
 mil • ns • m • ll • io

PREVIEW

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These numbers.
0, 2, 0

$$\begin{array}{r}
 8 \quad 4 \quad \square \\
 - \square \quad 7 \quad \square \\
 \hline
 5 \quad 7 \quad 0
 \end{array}$$

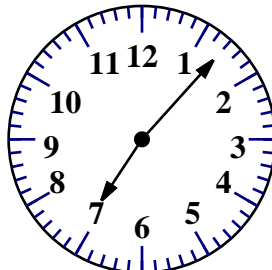
These numbers.
2, 4, 5

$$\begin{array}{r}
 4 \quad 1 \quad 1 \\
 - 1 \quad \square \quad \square \\
 \hline
 \square \quad 5 \quad 7
 \end{array}$$

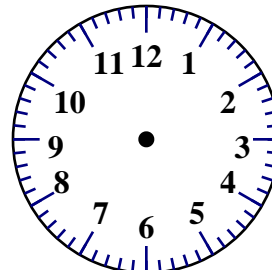
$$6 \overline{)36}$$

$$7 \overline{)21}$$

Which number is greater: 0.3
or 0.37?



current time



15 minutes later

Name: _____

I am a 5-digit number less than 30,000. I am divisible by 5. Write any number that fits this.

I am a 4-digit number greater than 8,000. I am divisible by 5. Write any number that fits this

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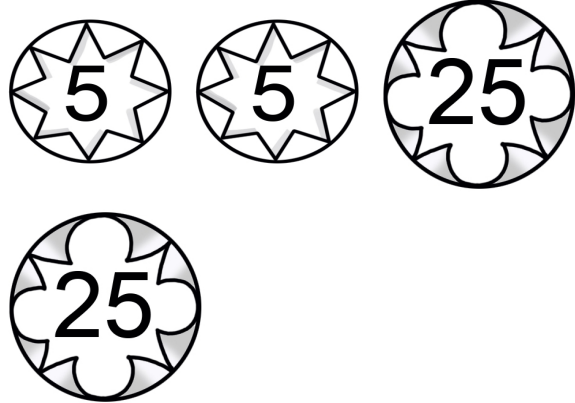
I am a 3-digit number with a 4 in the ones place. My hundreds digit is greater than my tens digit. Write any number that fits this.

Name: _____

65 cents is the same as

2 quarters, 1 dime, 1 nickel

2 quarters, 4 dimes, 5 nickels

Amanda wants to buy a snack for \$0.95.
Does she have enough money?

No

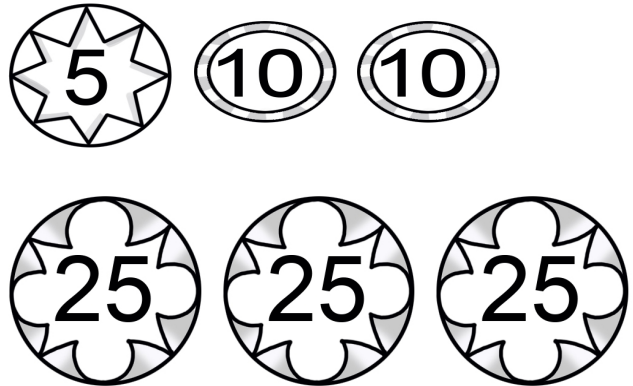
Yes

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5 quarters, 2 dimes, 3 nickels

2 quarters, 5 dimes



No, she needs 65¢

Yes

No, she needs 30¢



Name: _____

Get a fidget spinner! Spin it.

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

99 tens_____
16 hundreds_____
59 tens_____
37 hundreds_____
22 ones_____
65 tens_____
82 ten-thousands_____
72 tens_____
48 hundreds_____

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60 thousands_____
32 tens_____
73 hundreds_____
83 thousands_____
36 ones_____
22 tens_____
94 tens_____
56 hundreds_____
14 tens_____
73 tens_____
68 ones_____
45 hundreds



Name: _____

Spin again.

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

— —
the number ten greater
than 37

— —
two tens

— —
the number ten greater
than 57

— —
the number ten greater
than 26

— —
the number ten greater
than 57

— —
the number ten greater
than 41

— —
the number ten greater

— —
four tens

— —
five tens

PREVIEW

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— —
the number ten greater
than 28

— —
the number ten greater
than 64

— —
seven tens

— —
three tens

— —
the number ten greater
than 75

— —
nine tens

— —
the number ten greater
than 50

— —
eight tens

— —
seven tens

Name: _____

What one-digit number is missing in this equation?

$$14 \times \underline{\quad} + 12 = 96$$

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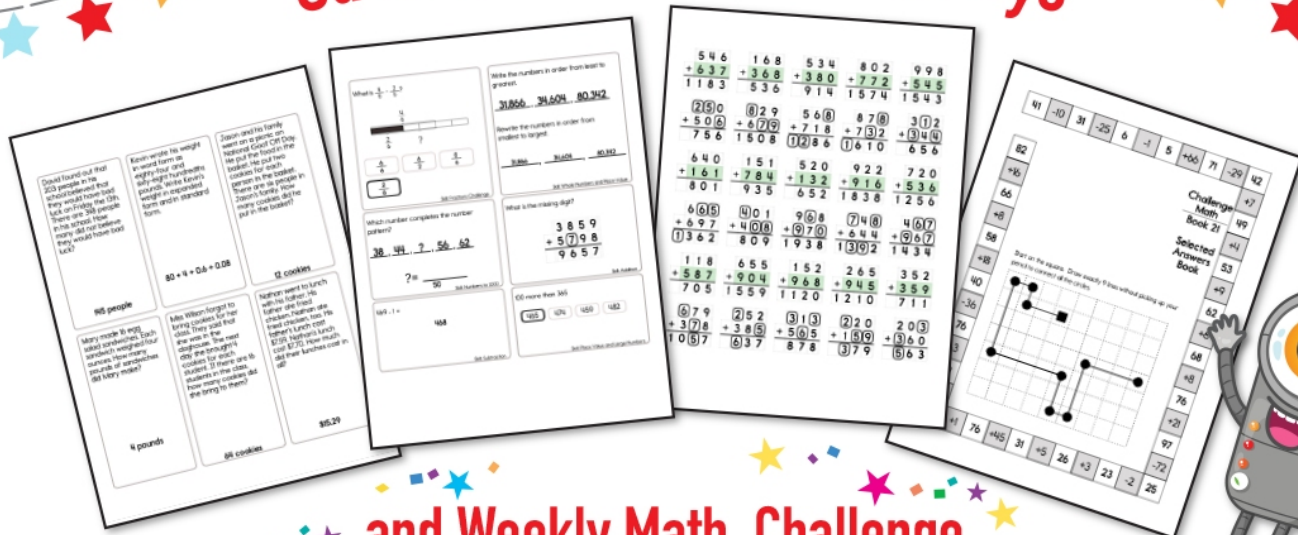
$$\frac{1}{6} = \frac{\quad}{36}$$

$$\frac{1}{8} = \frac{\quad}{32}$$

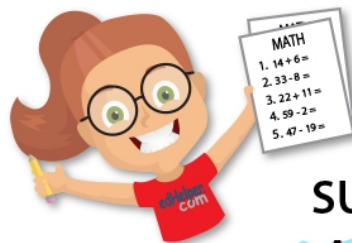
$$\frac{1}{4} = \frac{\quad}{40}$$

$$\frac{4}{7} = \frac{\quad}{49}$$

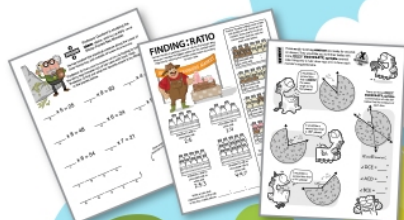
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x
+ =
- ÷
< >

More
puzzles!





Name: _____

Hunter is bored, so he decides to start coloring the outside sidewalk. Would you believe every 15 minutes he goes through 12 pieces of chalk. That's a lot of chalk! After 2 hours his arms are so tired he quits. How much chalk did Hunter use?

How old is John? All you know is that his age is a two-digit number in which the sum of the tens and ones is 7. Can you list five different possible ages?

Circle the number that is largest.

9,006 9,060

9,600

double 90

Write an odd number.

Name: _____

Jenna can't find her phone, so she is using an old fashioned map to see how far away two cities are. She measured that they are 12 centimeters apart. If the scale says that 1 cm = 7 kilometers, then what is the real distance?

There are 3 birthdays in our class for the month of September. Connor, Adam, 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 Connor. His birthday is 20 days before the next birthday. On what day numbers are each of their birthdays?

Megan drew four squares side-by-side. Each square has the same perimeter of 36 centimeters. What is the perimeter of the larger rectangle created by the four squares?