Name: $\qquad$

Mental Math
© Start with the number 361 .
361
© Round to the nearest ten.
7847360016 (Circle your answer to double check you are correct.)
© Divide that number in half.
8221803459
© Add the number of inches in 1 foot.
7248919229
© Divide that number in half.
6960435677

Mental Math
O Start with the number 5 .
4221961957 (Circle your answer to double check you are correct.)
O Triple that number.


2130601553
O Increase that number by 11.
2647378754
O Add 3 tens.
6739935565
O Divide by 4.

Name:
Fill in the numbers.


Name:

> Amanda made 20 pastries. She used 2 ounces of walnuts for each pastry. How many pounds of walnuts did she use?

"Tens are more powerful than ones," said Tens to Ones.
Ones was confused. She thought her number was worth more. "I'm 4 more than you," Ones replied back to Ten.
"Hah! The real value of me is worth 76 more than you. Did you forget the value of tens!" replied Ten.

What is the real value of the tens number and the ones number? For example, could tens be 90 and ones 2 ?

Mrs. Allen wrote the numbers 9 and 45 on the board. She always had a weird way to teach math. "Now, class," said Mrs. Allen. "My printer is broken. Please write your own math problem using these numbers."

Name: $\qquad$

Get a fidget spinner! Spin it. $\qquad$ time (s) to finish.

## 56518 <br> $\begin{array}{r}56518 \\ -\quad 1604 \\ \hline\end{array}$



13834
$\begin{array}{r}13834 \\ +\quad 2241 \\ \hline\end{array}$

76129
$\begin{array}{r}7128 \\ \hline\end{array}$
80957
$\begin{array}{r}8922 \\ \hline\end{array}$
89346
$\begin{array}{r}89346 \\ -\quad 2874 \\ \hline\end{array}$

$$
\begin{array}{r}
21170 \\
-\quad 7375 \\
\hline
\end{array}
$$

61885
$\begin{array}{r}61827 \\ -\quad 772 \\ \hline\end{array}$
21988
$\begin{array}{r}2465 \\ \hline\end{array}$
$\begin{array}{r}27037 \\ 8038 \\ \hline\end{array}$

$\begin{array}{r}49998 \\ -\quad 9966 \\ \hline\end{array}$

Name: $\qquad$

Spin again.
I needed to spin $\qquad$ time (s) to finish.

$$
\begin{array}{r}
8566 \\
-742814 \\
\hline
\end{array}
$$

$$
7739 \quad 2395 \quad 2217
$$

$$
6817
$$

$$
+4504+6904-1725-3352
$$



6733
6973
-6519
-6788

86504868
8764
4182
$-6449+8819$

- 3657
$-3541$

| 2448 |
| ---: |
| +6933 |

Name:
Maria's sister is a toddler. Maria baby-sits for 1 hour and 25 minutes each day. If she starts at 4:20 p.m., what time is she finished?

Alex bought a box of dog biscuits. The box cost $\$ 1.58$. He gave the storekeeper \$2. How much change will he get back?

Jack had 20 puzzles. He gave $\frac{1}{2}$ of them to Adam. Gavin gave Jack 2 puzzles. How many puzzles does Jack have now?


Name: the dashed lines is 7 .

## Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 4. Hint: Look for sudoku sums. The sum of the two boxes inside of



Name:


Name:


Name:

In autumn, Hunter helps his father gather the buckets of sap from their maple trees. Later they will make maple syrup from it. Each bucket has seven quarts of sap in it. Hunter and his father gathered twenty-nine buckets of sap. How many gallons of sap did they gather? Write your answer in decimal format.

Mrs. Hall has a black cat. He is black all over. She said he doesn't have one white hair on his body! Yesterday he got sick. Mrs. Hall took him to the animal hospital for some medicine. It cost $\$ 40.32$. Mrs. Hall gave the doctor a $\$ 50$ bill. How much change did she get?

Guess what you have to do on the Name That Number app? You guessed it! You name the correct number. For 50 gold stars, here is the clue. The number rounded to the nearest 10 is 140 . The ones digit is 1 . Quick! If you can write the answer in 30 seconds, you get 15 bonus gold stars!

Can you name the mystery three-digit number?
One of the digits is 2 .
The tens digit is 2 more than the hundreds digit.
If you multiply the hundreds and the ones digits, the product is 8 .
If you add the hundreds and the tens digits, the sum is 10 .

Name: $\qquad$
Fill in the blanks by adding the two numbers below each hexagon.


Name:
Cross off the number that does NOT belong.

$$
5,10,15,20,25,30,31,35,40
$$

$\qquad$ not belong in the pattern?

Cross off the number that does NOT belong.

140, 150, 160, 170, 180, 185, 190, 200

Why does $\qquad$ not belong in the pattern?

Name: $\qquad$
Find the way from START to END by passing only through numbers that are multiples of seven.
You are not allowed to go diagonally. Good luck!

| staRt | 12 | 44 | 10 | 87 | 43 | 58 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 49 | 83 | 71 | 6 | 54 | 15 | 82 |
| 98 | 28 | 23 | 30 | 11 | 69 | 83 |
| 35 | 63 | 8 | 37 | 27 | 88 | 67 |
| 84 | 63 | 84 | 32 | 31 | 40 | 60 |
| 49 | 21 | 21 | 29 | 74 | 17 | 75 |
| 34 | 22 | 77 | 68 | 9 | 72 | 3 |
| 22 | 38 | 70 | 28 | 36 | 71 | 5 |
| 83 | 26 | 37 | 70 | 49 | 80 | 53 |
| 30 | 94 | 1 | 59 | 56 | 42 | END |

Name: $\qquad$
Each row, column, and box must have the numbers 1 through 6.

| 1 |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 5 |  |  | 2 | 3 |  |
|  |  | 3 | 1 |  | 5 |
| 4 |  |  |  |  |  |
|  |  | 5 |  |  |  |
|  |  |  |  |  | 4 |

[^0]Each row, column, and box must have all the words from the word list. Write in the missing words.

|  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :--- |
|  | bait |  | bottle | lunch |  |
| nestle | lunch |  | bottle | give |  |
|  |  |  | bait |  |  |
|  | nestle | lunch |  | lunch |  |

Name: $\qquad$
Fill in the missing numbers.
Only rule - The same number CAN NOT be next to each other, in ANY direction.
Dark lines surround a block. Numbers to use in a block:
A block with 1 space has to be the number 1 .
A block with 2 spaces must have the numbers 1 and 2 .
A block with 3 spaces must have the numbers 1,2 , and 3 .
A block with 4 spaces must have the numbers 1, 2, 3, and 4 .


An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

$$
\begin{array}{llll}
3 & 4 & 2 & 1
\end{array}
$$



Hint - These numbers are missing:

## $\begin{array}{lllllll}3 & 1 & 1 & 4 & 4 & 2 & 2\end{array}$



An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

$$
\begin{array}{llll}
3 & 4 & 1 & 2
\end{array}
$$



Hint - These numbers are missing:
1221
321

Name: $\qquad$
Fill in the missing numbers.


Hint - These numbers are missing:

$$
1124
$$



Hint - These numbers are missing:

$$
\begin{array}{llllll}
3 & 3 & 3 & 1 & 2 & 1
\end{array}
$$



Hint - These numbers are missing:

## $\begin{array}{lllll}3 & 2 & 1 & 2\end{array}$



Hint - These numbers are missing:

$$
\begin{array}{llll}
1 & 2 & 1 & 1
\end{array}
$$

7 hundreds, 3 tens, 9
thousands, 2 ones


What number multiplied by six is forty-two?
$3+7=\square$
$9+6=\square$
$1+5=\square$
$14-8=$ $\square$

Name: $\qquad$


Look at the balance. What does it tell you? Write a sentence to explain.


Did you find that two are true? If not, look again! You should only mark TRUE if you are absolutely sure it is correct!

| $1 \times 11=\square$ | $6 \times 2=35$ |
| :--- | :--- |
| $28+\square$ |  |
| $6+\square=26$ |  |

Name:

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

| $S$ | $L$ | $A$ | $S$ | $T$ | $S$ | $P$ | $D$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $P$ | $L$ | $U$ | $W$ | $N$ | $U$ | $O$ | $O$ |
| $E$ | $A$ | $S$ | $R$ | $O$ | $R$ | $N$ | $W$ |
| $L$ | $U$ | $J$ | $I$ | $Y$ | $E$ | $I$ | $A$ |
| $L$ | $G$ | $O$ | $S$ | $O$ | $L$ | $E$ | $N$ |
| $I$ | $H$ | $Y$ | $T$ | $U$ | $Y$ | $S$ | $T$ |
| $N$ | $B$ | $E$ | $A$ | $C$ | $H$ | $E$ | $S$ |
| $G$ | $H$ | $E$ | $R$ | $E$ | $H$ | $I$ | $M$ |

Write the words found.
G HEREHIM
$\qquad$ BEACHES $\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.
B E P T A X GC
A NU T S A A
S E T B I WR L
E M B L G I D E
B I O E E N E N
A E Y WRGND
L S P U S H S A
Write the words found.
L Q U E E N S R
CALENDAR
QUEENS
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Name:
joy t surelyblews
gad g paeesaslbep a puhudodn rae te $r o r i s q u e e n s u a w l$ $d n t m h l i j t a x g c c l$ e i j no e wo is th h ai ne ueenwpndrieln s sw d te sur oui se g ae ap sw ti pt lane et $n$ l ri i las t tr de $n u t e n e n o u s o i q a i$ erahcs $\quad \mathrm{c}$ ti $g$ er gre

Name: $\qquad$
Write the final part of each math analogy.
GPKGPKG___ : P :: JQHJQHJ
Explain why you think your answer is correct.
eight : eighth :: six :
Explain why you think your answer is correct.

6,667 : 7,000 :: 7,726 :
Explain why you think your answer is correct.

27: twenty-seven :: 59 :
Explain why you think your answer is correct.

Name:

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.
CARAFTER
PROTECTS
W S H E R I F F
R E W A R R O D
E A N E X T C
N R C E NT S U
CNSHOTSB
Write the words found.
HCHAINSE
CUBE
ROD
$\qquad$
$\qquad$
$\qquad$
$\qquad$

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

| D |  | E |  |  |  |  | S |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | B | X | B | I | U | S | I |
| A | E | P | O | K | Z |  |  |
| M | A | L | U | E | Z | D | G |
| $\bigcirc$ | C | $\bigcirc$ | G | T | L | D | T |
| N | H | R | H | A | E |  | I |
| D | E | E | T | X | S | E | E |
| S | S | R |  |  |  |  |  |

Write the words found.
S S R P O W E R
POWER
TIE $\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Name:
w sa d d le bp p $n \mathrm{~m}$ w $\dagger$ a oo w st er c fa o If e ir w s a o h ks s $h t h e e r h c t a w h i$ i $e n \dagger n o o h e i c e n$ $k \quad r \quad s a c d i e c n e r g$ ec $\dagger \mathrm{x}$ ho s s $\dagger \mathrm{s} \mathrm{n}$ ie $e a r n c u b e s \quad r \quad f \quad e$ $n h a c s b+w a r s f=$
$p \circ w$ e $r$ ha $r$ ti $e m b$

Name: $\qquad$


## Equations and Hints:

Each letter is a whole number.
Fill in the equations using the chart:

$$
\begin{aligned}
& B+A=7 \quad L^{+} A+B=13 \quad{ }^{+}+{ }^{+}=12 \\
& C_{+}=8
\end{aligned}
$$

Additional hints:

## $C=A+1 \quad$ Each letter is less than $9 . \quad B$ is the smallest.

$C$ is the largest.
Show Work:

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[^0]:    slam • bottle • give • unch • bait • nestle

