

Name:

Mr. King is a long-distance truck driver. He has to make a trip to Rapid City and back. If he drives 462 miles per day, it will take him 11 days to drive to make the round trip. How far away is Rapid City?

When Phil came out of his burrow in 1971, it was negative fourteen degrees Fahrenheit. If the temperature this year is thirty-two degrees Fahrenheit, how much warmer will it be than it was in 1971?

Sally bought a kit to make fidgets. The box says that you can make up to 36 fidgets. 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 10 -second break after making each fidget.

Mr. Martin has ants and owls on his farm. The ants are his favorite! One day he was bored and counted all the legs. Between his insects and owls he had a total of 38 legs. That's a lot of legs! How many ants does he have?
$\square$
Name:
Cross off the number that does NOT belong.
$24,27,30,35,40,47,54,63,72,75,83,94,107,120,135,150,167$
$\qquad$ not belong in the pattern?

Cross off the number that does NOT belong.

$$
22,39,25,43,28,47,31,51,34,55,37,59,51,40
$$

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

Name: $\qquad$

Get a fidget spinner! Spin it.
Write the greatest possible
2-digit number without
repeating any numbers.
Write the number that is
one thousand less than
2,287 .
$2 \frac{8}{9}+8 \frac{5}{9}$


$$
12 \times 9 \times 7
$$

Write the greatest possible

I needed to spin $\qquad$ time (s) to finish.
$12 \times 9=$


How much time is it from 6:00 a.m. to 10:50 a.m.?
$5+8 \div 2$

There are 4 groups of 6 rocks. How many rocks?
$36 \div 6=6$

Round 99,270 to the nearest hundred.

Round the decimal 0.365 to the nearest hundredth.

B, F, J, N, $\longrightarrow, ~ V, Z$

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

Name: $\qquad$

Spin again.
Draw a small clock that shows 15 minutes to 7:00.

43181, 14318, 81431, —— 31814, 43181,

14318, 81431, 18143, 31814,
43181, 14318, 81431, 18143

How many minutes is it from 8:00 a.m. to 11:30 a.m.?

The diameter of a circle is 504 cm . What is the radius of this circle?

I needed to spin

Write the least possible 4 -digit number using only 2 different numbers.

Name the shape with five sides and five angles.
$10 \times(8-7)+11$ time (s) to finish.
$\qquad$

Anne has 24 nickels. How much money is that?

How many meters are there in 164 kilometers?

84 divided by 12 equals
Write the missing family

$$
\begin{aligned}
& \text { fact. } \\
& 19 \times 6=114 \\
& 114 \div 6=19 \\
& 6 \times 19=114
\end{aligned}
$$

Name: $\qquad$
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?


| imagine 4 in your <br> head <br> multiply 10 <br> double it | imagine 7 in your <br> head <br> multiply 11 <br> subtract 8 <br> subtract 6 <br> subtract 9 <br> double it <br> Add the tens digit to <br> the ones digit. <br> Write the sum. |
| :--- | :--- |
| $\frac{A}{B}$ |  |


| imagine 3 in your |
| :--- |
| head |
| multiply 8 |
| double it |
| subtract 9 |
| subtract 8 |
| add 4 |
| Write the odd digit |
| in your answer. |
|  |

imagine 8 in your
head
double it
subtract 8
subtract 5
Write the number.
$\frac{D}{}$

What is the sum?

$$
A+B+C+D
$$

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



| 1 before 19 | 5 after $15 \_$ | 3 before 15 |
| :--- | :--- | :--- |
| 6 before $13 \_$ | 4 after $17 \_$ | 2 before 18 |
| 4 before $16 \ldots$ | 6 after 19 | 7 before 11 |

$\square$
Name: $\qquad$
Mental break. Time to use a pencil for this more challenging page. Good luck! This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

## Example:

Example:

$$
43+27+19-25=64 \quad 17+27+25-25=44
$$

Sample:


Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
Exactly one of the four numbers has to be one of these numbers: -19, -25 , or -12 .
The other three numbers have to all be DIFFERENT and must be from these: 27,25 , 19, 43, 16, or 17.

$\square$
Name: $\qquad$
Start on the B circle. Do not pick up your pencil. Draw a line going left, right, up, or down. Every line must end on a circle. No stopping on an empty box. Try to collect all the circles and end your last line on the $\mathbf{E}$ circle. You can go through a circle more than once.
(B)

Didn't get them all? That's ok. This was hard. I missed only $\qquad$ circles.
$\square$
Name: $\qquad$
Put these numbers in order from largest to smallest.
6.169
6.15
6.135
6.2

How many minutes are there from 6:15 p.m. until 7:00 p.m.?

How many total legs are on 60 zebras.

What is the sum of 3 and 88?

Double the number 6 three times.

Max earns $\$ 20$ an hour. He worked 6 hours. How much did he make?

| What is the homophone of this word? |  |
| :--- | :--- |
| rap | $7 \mathrm{~cm}=\ldots \mathrm{mm}$ |



Name: $\qquad$
Which of the following fractions when added to $\frac{5}{6}$ is $1 \frac{13}{30} ?$

$$
\begin{aligned}
& \frac{1}{7} \\
& \frac{2}{3} \\
& \frac{1}{2} \\
& \frac{3}{5} \\
& \frac{7}{9}
\end{aligned}
$$

Sketch an acute angle named $\angle E F G$.


Sketch a right angle named $\angle B C D$.
$12 \times 11-7$
$27 \div \ldots=9$
$78,84,90,96,102,108$, 120

$$
\begin{array}{l|l}
1 \mathrm{~km}=1,000 \mathrm{~m} & \begin{array}{l}
\text { Circle the word that best completes the } \\
\text { sentence. }
\end{array} \\
\text { If you are going to the bathroom, } \\
\text { please take your little brother, } \\
\text { (to/too). }
\end{array}
$$



## Name:

The baseball season is going down to the wire. "You can say that again," says Justin.
The baseball season is going down to the wire. There are only two teams left that have a chance for the playoffs. Only the top team will advance to the playoffs.
The Big Bellies have 52 wins and 12 losses. They are awesome! "Says, who?" asks Justin. "Did you even look at their bellies?"
Close behind are the Oozy Hitters. They have 49 wins and 15 losses.
Both the Big Bellies and Oozy Hitters have 5 games left. And guess what? They are against each other!
As they head for this 5-game series, the Big Bellies are playing the Oozy Hitters at Big Bellies' field. So clearly, Big Bellies will have the home field advantage. The Oozies are hoping to win enough games to take first place!
"Yeah, they just have to win," interrupts Justin. "Uh. Uh. 3? I mean 4? Wait, 5?"
Obviously Justin is just guessing. What is the least number of wins the Oozies need in this 5 -game series to be certain of finishing first?

Please don't guess for your answer, but you can guess as you are working through the problem!

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

| $45 \times 40=$ | $26 \times 15=$ | $16 \times 26=$ | - $32 \times 25=$ |
| :---: | :---: | :---: | :---: |
| $13 \times 30=$ | $19 \times 44=$ | $14 \times 39=$ | - $32 \times 13=$ |
| $24 \times 27=$ | $36 \times 50=$ | $26 \times 27=$ | - $50 \times 28=$ |
| $22 \times 38=$ | - $22 \times 15=$ | $40 \times 35=$ | - $39 \times 18=$ |
| $24 \times 42=$ | $48 \times 21=$ | $16 \times 50=$ | - $20 \times 30=$ |
| $11 \times 30=$ | - $36 \times 18=$ | $13 \times 42=$ | - $50 \times 12=$ |

(32), (16), (8), (4),
(1), $\frac{1}{2}, \frac{1}{4}$
$\qquad$

6, 8, 10, $\qquad$ 14,16,

18, 20, 22
$5,10,15,20,25,30$, $\longrightarrow 40$
$\square$ Round 958 to the nearest hundred.
$1+7 \times 9$
Round 958 to the nearest
hundred.


Name: $\qquad$

Bob is in charge of making the box for his company's 60-watt bulbs. He first draws a picture of the bulb under the name Long Lasting Bulbs. Then he wants to write in big letters how long the bulbs will last. The bulbs have an estimated life of 13,000 hours. How many years would that be if the bulbs are on 24 hours per day?

Bob thinks it might make more sense to assume the bulbs are on 4 hours a day. How many years will the bulbs last if they are only used for 4 hours every day, instead of 24 hours?

Name:

Sara and her father went to Paulo's Pizzeria for pizza with everything except anchovies. The pizza was divided into eight slices. Sara's father ate one-fourth of the pizza. Sara ate the rest. How many slices of pizza did Sara eat?

42 , $\qquad$ 50, 54, 58,

62

All the theaters at the Midvale Movies 12 showed "The Lion King" on Just Because Day. Each theater seats 137 people. How many people in all could be seated at one time in the 12 theaters?

A toy car can go 3 mph . How long would it take to go 9 miles?

Paul bought 6,240 pounds of food for Babe, his blue ox. At the end of the first day, there were 4,965 pounds of food left. How many pounds did Babe eat on the first day?

The 28 students in Mr. Moore's class wrote notes to special people on Forget Me Not Day. They put pretty stickers on their notes. If each student used 13 stickers, how many stickers were used in all?
$27+n=44$

## 9.5 meters?

Kevin picked $5 / 6$ of a bushel of apples. He gave his aunt $\frac{1}{2}$ of a bushel. How much of the bushel of apples does he have left?
$12 \div \frac{1}{8}$

Rosa hugged 11 people on Hug Holiday. Jessica hugged two times as many people as Rosa. How many people did Jessica hug?

Round 80,562 to the nearest hundred.

Mary had been keeping a scrapbook with pictures and information about the birds she had seen since she was eight years old. She has four scrapbooks. Each scrapbook has thirty-one pages. She puts three pictures on each of the thirty-one pages. All of her scrapbooks are filled. How many bird pictures are in the four scrapbooks?

Jason hadn't seen his floor for three weeks! He decided to clean his room and simplify his life. His room was made up of two rectangles. One rectangle was 10 feet long and 14 feet wide and the other rectangle was 10 feet long and 5 feet wide. What was the total floor area of his room?

How much time is it from 6:00 a.m. to 10:55 a.m.?

Mr. Clark brought 8 bags of marshmallows on the camping trip. On the first night, $2 \frac{3}{4}$ bags of marshmallows were eaten.

On the second night, $2 \frac{5}{8}$ bags were eaten. How many bags of marshmallows were eaten on the camping trip?

How much money is 1 quarter, 1 dime, 1 nickel, and 5 pennies?

It took the Frost-Free Company 91 days to make enough TV dinners to supply the Marks Grocery Stores. How many weeks did it take the company to make the TV dinners?

What is the area of a rectangle with sides 5 cm and 6 cm ?

Max is in charge of laying out the sports pages for the school yearbook. He can use small, medium, or large pictures and place them horizontally or vertically. Draw a tree diagram to illustrate the number of choices he has.

$\square$
Name: $\qquad$

| Puzze: |  |  |  | Work Area: |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 | $\bigcirc$ | \% | 96 | 3 |  |  | 96 |
| 3 | $\bigcirc$ | $\bigcirc$ | 192 | 3 |  |  | 192 |
| 这 | $\bigcirc$ | 这 | 648 |  |  |  | 648 |
| 81 | 512 | 288 | X | 81 | 512 | 288 | X |

The product for each column and row is given. Blanks use numbers 2 to 9 only.

Work Area:

|  |  |  | 135 |
| :--- | :--- | :--- | :---: |
|  |  |  | 81 |
|  |  |  | 225 |
| 135 | 405 | 45 | $X$ |

The product for each column and row is given. Blanks use numbers 2 to 9 only.
$\square$
Name: $\qquad$


Round the decimal 0.475 to the nearest hundredth.

Know how many inches in a foot? Okay, smarty pants, how many inches in 7 feet?


Estimate quickly the difference.
4,740-2,920


| Write the missing family |
| :--- |
| fact. |
| $16 \times 7=112$ |
| $112 \div 7=16$ |
| $7 \times 16=112$ |

Name: $\qquad$
What 4 coins add up to 76
cents?
$7+40 \div 10$

$$
6 \frac{4}{5}+2 \frac{1}{5}
$$

Write $\frac{5}{15}$ in lowest terms.
$10 \times 11-8-8$

## 5, <br> $\qquad$ 1952

The diameter of a circle is 662 cm . What is the radius of this circle?

How many meters are there in 174 kilometers?
$6,8,10$, $\qquad$ 14, 16, 18

Round 13,409 to the nearest thousand.

## Write the missing family

 fact.$4 \times 18=72$
$72 \div 4=18$
$18 \times 4=72$

Draw a number line with $0, \frac{1}{2}$, and 1 . Show where $\frac{6}{9}$ would go. Is $\frac{6}{9}$ closer to $0, \frac{1}{2}$, or 1 ?

How many minutes is it from 9:00 a.m. to 10:50 a.m.?
$(2+9)+2$

Round the decimal 0.755 to the nearest hundredth.

Name: $\qquad$
Pay the bill!

Jason needs money. He wants to get $\$ 100$ in cash, so he writes a check payable to cash in this amount. Write this check.

DATE

PAY TO THE
ORDER OF $\qquad$ \$ $\square$

DOLLAARS

MEMO $\qquad$


Pay the bill!

Jason received a bill from Central Water for \$266.41. Write the check as Jason would write it.


DOLLDARS

MEMO $\qquad$



Ava has 21 nickels. How much money is that?


If you exchange 70 dimes for dollars, then how many
$\mathrm{C}, \ldots, \mathrm{K}, \mathrm{O}, \mathrm{S}, \mathrm{W}$

Name: $\qquad$
Pay the bill!

Mary received a bill for her cellphone from Mobile Unlimited for $\$ 60.42$. Write the check as Mary would write it.

MARY
DATE

PAT TO THE \$ $\square$

DOLLARAR

MEMO $\qquad$


Pay the bill!

Rent is due. Mary needs to pay her landlord $\$ 1,900$. Her landlord's name is
Pam Williams.
PAT TO THE
ORDER OF

\$ $\square$

DOLLDARS

MEMO $\qquad$


What is the sum of 4 and 66?

37, 45, 53, 61, 69,
$\qquad$ $85,93,101,109$

Write the greatest possible 4-digit number without repeating any numbers.
$309+6=$
What is 18 less than 1,599 ?
$\square$
Name: $\qquad$
Make change. You can use $\$ 20, \$ 10, \$ 5, \$ 1,25 \llbracket, 10 \llbracket, 5 \llbracket$, or $1 \uparrow$.

Kevin has $\$ 52.22$. He has 6 bills and 20 coins. How?
$\square$
$\square$
$\square$
$\square$
$\$ 5$


Mary has $\$ 110.16$. She has 8 bills and 17 coins. How?

Pam has $\$ 105.60$. She has 9 bills and 3 coins. How?

Name: $\qquad$

Pick up all of the robots from the game board. Start on the $\mathbf{B}$ circle. Do not pick up your pencil. Draw a line going left, right, up, or down. Every line must end on a robot or the E circle. No stopping on an empty box. Try to collect all the robots and end your last line on the $\mathbf{E}$ circle. You can go through a robot more than once.
(200)
$\qquad$ robot/robots.

Name:
It was Mrs. Johnson's birthday, and she made her favorite homemade cookies to share with the class.
"I hope you all enjoy my homemade cereal crunch cookies. I used a mixture of different cereals to make this. Unique!" says Mrs. Johnson as she saw Joshua raise his hand. "But don't worry! They are all nut free."
The class LOVED them. In no time at all the class ate five-sixths of the cookies.
"Mrs. Johnson," said Hannah, "you need to do OUR tradition. While we sing happy birthday, you need to eat as many cookies as you can."
As the class began to sign, that is just what Mrs. Johnson did. And she was good at it! She ate three-fourths of the cookies that were left. In case you are curious, that was equal to 3 cookies! How many cookies did Mrs. Johnson bring to class that day?

Show your work.
$\square$
Name: $\qquad$
Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5 .
Every row must contain the numbers $1,2,3,4$, and 5 .
Every column must contain the numbers $1,2,3,4$, and 5 .
In a cage with a plus sign, the given number will be the sum of all the digits in the cage.
In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.


Fill in the blanks. These equations are from the puzzle above.
5 - $\qquad$ $=3$
$\qquad$

$$
+5=6
$$

$$
-3=2
$$

5 - $\qquad$ $=2$
$\qquad$ - 2 = 2
$\qquad$ $+$ $\qquad$ $+2=11$

$$
\ldots+4+\ldots=8
$$

$$
3-\ldots=1
$$

$\square$
Name: $\qquad$
Find 2 equations hidden in each box. Good luck!

$$
\begin{array}{llll}
6-5^{6.3} & & \\
2 & 6-6 & 9-4 & 8
\end{array}
$$

Write 2 equations: $\qquad$

$$
9 \times 1 \quad 9 \times 3
$$

$$
9
$$

# $5 \times 2 \quad 9 \times 8 \quad 49$ <br> $7 \times 3$ <br> 4 <br> 7 <br> 6 <br> $5 \times 7$ <br> $5 \times 0$ <br> 27 <br> 45 <br> $3 \times 4$ 

18
28

Write 2 equations:
924


654
$546+64$
747

$$
928+93
$$

432
$21+638$
769
734
1018
$16+775$
$457+28$
1021
500

Write 2 equations:

Name:

Jessica is buying drinks for the Lewis Carroll's Birthday celebration at school. One can of Cheshire Cat Cola holds 300 ml . A six-pack of cans costs the same as a 2-L bottle of CC Cola. How much more soda is in the 2-L bottle than in the six-pack of cans?

In 1996 the Taco Bell Corporation said it had bought the Liberty Bell. They said they would call it the Taco Liberty Bell. Many people were very angry. Taco Bell said that it was a joke! Perhaps 405 people wrote letters or made phone calls about the joke. If $\frac{3}{5}$ of the people wrote letters, how many made phone calls?
$11 \div \frac{1}{8}$
What 6 coins add up to 76 cents?

Alex bought a Cattitude Tea for Two set for his mother's birthday. The set cost \$33, the shipping was $\$ 5.13$, and the tax (for the goods and shipping) was 6.75\%. How much did the tea set cost in all?

Write $\frac{3}{6}$ in lowest terms.

## The Farmers' Market

 charges $\$ 4.20$ for a jar of apple butter. The clerk multiplies the price by 1.05 to find the total cost including tax. Mrs. Taylor bought 4 jars of apple butter. How much change would she get from a twenty dollar bill?Estimate quickly the difference.
7,150-1,220

Name:
Cross off the number that does NOT belong.

$$
\begin{gathered}
\frac{1}{5},(1),(5),(25), \\
(125),(625),(3,125), \\
(14,895),(15,625),(78,125),(390,625)
\end{gathered}
$$

$\qquad$ not belong in the pattern?

## Cross off the number that does NOT belong.

965572, 655729, 965572, 296557, 729655, 572965, 557296, 655729,
965572, 296557, 729655, 572965, 557296, 655729, 965572

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



