

Name: $\qquad$
Find 2 equations hidden in each box. Good luck!
$6+6$
$1+9$
17
$1+1$
$7+9$
$12 \quad 6 \quad 1+6$ 7

9

$$
58+6
$$

Write 2 equations:
2

$$
\begin{array}{ccc}
5-3 & & 0 \\
4-1 & 1 & 3
\end{array}
$$

$\qquad$
$\qquad$

Write 2 equations:
$4 \times 6$
21
$1 \times 5$
$3 \times 4$
$6 \times 7$
16
48
2
20

Write 2 equations:

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
head
add 8
add 7
Add the tens digit to
the ones digit.
Write the sum.
$\frac{\text { A }}{\text { B }}$
imagine 3 in your
head
add 6
add 3
subtract 9
add 1
multiply 4
Write the tens digit.
$\frac{C}{C}$
imagine 4 in your
head
multiply 2
multiply 11
add 1
add 3
double it
Write the ones digit.
$\frac{D}{D}$

| imagine 6 in your |
| :--- |
| head |
| multiply 3 |
| add 6 |
| double it |
| subtract 7 |

Write the tens digit.

\[

\]

What is the sum?

$$
A+B+C+D+E
$$

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



| 5 before $17 \ldots$ | 3 after $14 \_$ | 7 after 15 |
| :--- | :--- | :--- |
| 9 before $14 \_$ | 2 after $11 \_$ | 9 after 13 |
| 3 before $13 \_$ | 1 after 18 | 5 after 19 |

$\square$
Name: $\qquad$

Mr. Smith loves to give homework. "The more the better!" Mr. Smith always says to his students.
"I hope I get him next year," said Sally to April as they were walking to school. She had heard about the daily homework pass. "Did you hear that if you are the first to answer the question of the day on the board, you can skip homework for a week?" "I know," said April. "He is my teacher this year. I hope you get him next year. Anyway, see you later after class."
When April walked into class, she saw Mr. Smith had already written the challenge:
"Would you believe in my family, my brother, my sister, and myself were all born in August? My older brother, John, was born in 1976. We were born 3 years apart. My older sister, Samantha, was born in 1973."
How old was Samantha when Mr. Smith was born?

The next day the board said:
"How old is Mr. Smith?"

Name: $\qquad$

$16-9=$
$16+-9=$ $\qquad$
$28 \div$ $\qquad$ $=7$
$11-9=$ $\qquad$
$11+-9=$ $\qquad$

How many total legs are on 3 tigers and 5 ants?

Rewrite 18 + - 14
$\qquad$ - $\qquad$ $=$ $\qquad$

[^0]$\square$
Name: $\qquad$
Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

| $\mathbf{A}$ 37 $\mathbf{2}$ 77 <br> + 46 67 98 <br> 47 48 86  | 49 87 64  <br> + $\mathbf{2 0}$ 35 76 <br> 62 77 55  | $\begin{array}{cccc}\text { C } & 90 & 85 & 70 \\ + & 84 & 75 & 9 \\ 60 & 78 & 73\end{array}$ |
| :---: | :---: | :---: |
| Find an addition fact. | Find an addition fact. | Find an addition fact. |

## Equations:

Write the equation facts you found.

|  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | + | 2 | $=$ |  |
|  |  | + | 20 | $=$ |  |
|  |  |  |  |  | $=$ |


| $9 \times 10=$ | $\begin{array}{r} 470 \\ +347 \\ \hline \end{array}$ | The circus is in town! Tickets are only $\$ 5$ for kids. Adults need to pay double the price of kids tickets. Jenna is bringing five of her friends in her class. Her mom is also coming. Jenna wants to pay for everyone. How much will she need to pay? |
| :---: | :---: | :---: |

$9 \mathrm{~cm}=$ $\qquad$ mm

Circle the relative adverb.
After fourth period is when I eat lunch this year.
$\square$
Name:
A) $+38=110 ?$
A) 2
C) 13
D) 72

If the following numbers were in order from least to greatest, what is the middle number?
$250,725,150,750,225,300,275,500$, and 550
A) 275
B) 300
C) 750
D) 500
$72 \div 8=$
A) 9
B) 1
C) 7
$62+4=$
A) 65
B) 660
C) 61
D) 66

Which of the following has the smallest value?
A) 9.62
B) 0.962
C) $A$ and $B$ are equal.

What does the $\qquad$ stand for in the following equation?

72 $\qquad$ $8=9$
A) $\div$
B) +
C) $x$
D) -
$\square$
Name: $\qquad$

## Sudoku Sums of 6

Each row, column, and box must have the numbers 1 through 6 . Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 6 .



| How many centimeters are in <br> two hundred millimeters? | Make a pattern. <br> Start with 67. <br> Add 10. |  |
| :--- | :--- | :--- | :--- |
| $88-7=\ldots$ | Do parallel lines intersect? |  |

Name: $\qquad$
"It's simple," said Jack. "I purchased a container of 500 sprinkles, and there are 227 sprinkles left. So how many cookies did I make?"
All Hannah could do was stare at her brother until she finally had the courage to say, "8?"
"Nope," replied Jack.
"Not fair! You didn't tell me how many sprinkles go into each cookie," whined Hannah. "Fine," said Jack. "I used a half-teaspoon of butter for each cookie, 7 chocolate chips in each cookie, and for each chocolate chip I used 3 sprinkles. I also put 2 raisins into each cookie." How many cookies did Jack make?

Show your work.

Name: $\qquad$

Date played:


Who won?


Explain what you learned from one math problem you got wrong.

Write the number that is one thousand more than 2,260.

You have a playdate in 240 minutes. How many hours is that?

Write the number that is one ten less than 5,664 .
$\square$
Name:
Gavin 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 only 4 minutes. If he is able to do this, how long will he spend walking and not resting during the 24 hours?
$\qquad$ hours and $\qquad$ minutes

Rose invited her friends over to celebrate her birthday. She has 24 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 14 boxes left. How many goodie bags did she make?

Name:

Directions:
Use the rule that
1 human year $=7$ dog y
to fill in the blanks.
Spin fidget spinner. Quick!
Dog's Age: 81.9
Human Years: 11.7

Dog's Age: $\qquad$
Human Years: 3.9

Dog's Age: $\underline{67.2}$
Human Years: $\qquad$

Dog's Age: 49
Human Years: $\qquad$

Dog's Age: $\qquad$ Human Years: 8

Dog's Age: 87.5
Human Years: $\qquad$

Dog's Age: $\qquad$ Human Years: 1.2

Dog's Age: 14
Human Years: $\qquad$

Dog's Age: $\qquad$
Human Years: 10.4

Dog's Age: 28 Human Years: $\qquad$


I needed to spin
Dog's Age: 42
Human Years: $\qquad$

Dog's Age: 49
Human Years: $\qquad$

Dog's Age: $\qquad$
Human Years: 5


Dog's Age: $\qquad$
Human Years: $\qquad$ 4.3

Dog's Age: $\underline{42}$ Human Years: $\qquad$

Dog's Age: $\qquad$
Human Years: 4.3

Dog's Age: 7.7 Human Years: $\qquad$

Dog's Age: 36.4
Human Years: $\qquad$

Dog's Age: $\qquad$ Human Years: 2.6

Name: $\qquad$

Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.


## Dr. Programmer typed:

$$
\begin{aligned}
& A=3562 \\
& B=100 \\
& C=A+B
\end{aligned}
$$

print ("The number that is ",
B," more than ".A," is "., C)
$A=4870$
$B=10$
$C=A+B$
print ("The number that is ",
B," more than ",A," is ",C)
$A=7051$
$B=100$
$C=A+B$
print ("The number that is ",
B," more than ",A," is ",C)
$A=5348$
$B=10$
$C=A+B$
print ("The number that is ",
B," more than ",A," is ",C)

The computer replied:

## Ihe number that is 100 more $\pm$ han 3562 is 3662

## Ihe number that is 10 more than 4870 is 4 880

## 



Name: $\qquad$
$A=81685$
$B=1000$
$C=A+B$
print ("The number that is ",
B," more than ",A," is ",C)
$A=63022$
$B=10000$
$C=A+B$
print ("The number that is ",
B," more than ",A," is ",C)
$A=6622$
$B=100$
$C=A+B$
print (B," more than ",A," is ",C)
$A=6220$
$B=10$
$C=A+B$
print (B," more than ",A," is ",C)
$A=55457$
$B=1000$
$C=A+B$
print (B," more than ",A," is ",C)
Is 45 a composite or a prime number?


Write the number that has exactly 3 tens.
$\square$
Name: $\qquad$
Oh, no. This picture is all mixed up. Try to redraw the picture using the letter and number as a guide.


Name: $\qquad$

Amanda had some pieces of wood to make a picture frame with a perimeter of 82 inches. Two of the pieces of wood are 18 inches long each. The other two pieces are equal in length. How long are the other two pieces of wood?

The 28 students in Mr. Jackson's class wrote notes to special people on Forget Me Not Day. They put pretty stickers on their notes. If each student used 15 stickers, how many stickers were used in all?

The Crazy Color Candy Company plans to make 26,268 pieces of licorice for Licorice Day. If they make an equal number of each of 6 flavors, how many will they make of each flavor?

Name: $\qquad$

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

Maria bought a pack of six waters. It cost \$3.24. How much did each water cost?
$6,8,10,12,14,16$,
20, 22, 24

It was 6 degrees below zero in the morning. By afternoon the temperature rose 19 degrees. How warm was it?
$(11+10)-3$
$30 \div 3=$

How many total legs are on 6 dogs?

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

Round 99,360 to the nearest hundred.

In the equation $29 \times 326=$ 9,454 , which number is the product?
$8-5+2$

How many minutes is it from 6:00 a.m. to 11:40 arm.?

A rectangle is 47 cm on one side and 12 cm on another side. What is the perimeter?

Name: $\qquad$
$\qquad$ time (s) to finish.

Rose has 40 books. She organized them equally into 5 boxes. How many books in each box?

Name the shape with six sides and six angles.

It was 2 degrees above zero in the morning. By afternoon the temperature rose 20 degrees. How warm was it?

Write $\frac{4}{8}$ in lowest terms.

How much greater is 183 than 32?

Double the number 9 three times.
$28 \div 7=$

Round 78,725 to the nearest hundred.

Write the greatest possible 4 -digit number using only 3 different numbers.

The perimeter of a rectangle is 18 cm . The longer side is 6 cm . How long is the shorter side?

It was 2 degrees below zero in the morning. By afternoon the temperature rose 20 degrees. How warm was it?

> E, H, F, I, G, J, H, K, $\longrightarrow$ L

$$
9 \frac{1}{3}+5 \frac{2}{3}
$$

## Name:

$\qquad$


Shade the shapes that will tessellate; repeat to form a pattern without leaving any gaps or overlapping.


Create a tessellation using two shapes:


Create and Color


Use each shape to create a pattern that fills the entire box. The shapes cannot overlap, and there can be no spaces.


Tessellate each shape to fill the area. Example:

| $\square$ | \| |  |  | T |  |  | $\square$ | $\square$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - |  |  |  |  |  |  | $\square$ |  |  |  |  |  |
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| $\cdots$ |  |  |  |  |  |  |  |  |  |  |  |  |
| $\checkmark$ |  |  |  |  |  |  |  |  |  |  |  |  |


|  |  | $\square$ |  | $\square$ |  |  |  |  |  | $\square \square$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
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|  |  |  |  |  |  |  |  |  |  |  |



## Name:

$\qquad$



How many Lines of Symmetry does each


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 5 spaces is blank. Since the block is 5 spaces it uses the numbers $1-5$.

## $\begin{array}{lllll}2 & 5 & 1 & 4 & 3\end{array}$



Hint - These numbers are missing:

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



An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers $1-5$.

$$
12543
$$



Hint - These numbers are missing:

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

Write 37,500 in words.
$\square$
Name:

## Sudoku Sums of 16

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 16.

Here is an example of a sudoku sum of 16: | $\cdots$ | 13 | 3 |
| :--- | :--- | :--- |



| 40 |
| :--- | :--- | :--- | :--- |
| +39 |$\quad 4 \times 3=$| 435 |
| :--- |
| -286 |$\quad$| For 856,669,750, write the |
| :--- |
| digit that is in the hundred |
| thousands place. |

Name: $\qquad$



Find $92 \%$ of 89 .
$\square$ What is 16 less than $1,599 ?$
$1 \mathrm{~kg}=1,000 \mathrm{~g}$
$29 \mathrm{~kg}=$ $\qquad$ g

Name:

Peter tried to measure his resting heart rate. His heart beat a total of 34 times in 44 seconds. Holly measured hers. She counted a heartbeat of 175 in 150 seconds.
Well-trained athletes tend to have resting heart rates that can be as slow as 40 beats per minute. Would you guess that Peter or Holly was a well-trained athlete?

Jessica is doing some mental math. She picked a number from a hat. Then she added 2 to that number. She then multiplied the sum by 8 . The result she got was 40. What number did Jessica start with?

Sarah picked a number from the hat and did the same thing, but her result was 8 more than Jessica's result. What number did Sarah start with?

One gold stone costs $\qquad$ .
One purple diamond costs $\qquad$ -
In a game that Pam plays, it costs $\$ 0.90$ to purchase three gold stones. If she buys two gold stones and one purple diamond, the cost is $\$ 1.42$.
How much is one gold stone?
How much is one purple diamond?

Which fraction is larger?

$$
\frac{3}{5} \text { or } \frac{27}{40}
$$

$$
\frac{1}{56} \text { or } \frac{17}{21}
$$

$$
\frac{13}{14} \text { or } \frac{5}{8}
$$

Name: $\qquad$
Mrs. Miller is the best gym teacher. "Today, we are going to play 1 on 1 basketball. Each game will be 3 minutes long, and you have to play everyone else in the class," Mrs. Miller said.
The gym has 6 basketball courts, and there are 12 kids in this class.
Everyone has to play everyone else. A game lasts 3 minutes, and there are about 30 seconds between each game. How long will it take to do this?

Show your work.
$\square$
Name: $\qquad$
April likes to multiply a number by itself. Why? Nobody knows!
"If I take my favorite number and multiply it by itself, the product will be only 19 away from
83. Can you guess my favorite number?" asks April.

Which two of the fractions have a difference of $\frac{3}{10}$ ?
$\frac{2}{7}$
$\frac{4}{6}$
$\frac{11}{12}$
$\frac{1}{5}$
$\frac{1}{2}$
$\square$
Name:

$$
5 \cdot 2 \cdot 0 \cdot 5 \cdot 0 \cdot+\cdot 3 \cdot x \cdot 6 \cdot=\cdot 1 \cdot 8 \cdot 6
$$

Use the pieces above to help you fill in the runaway math puzzle.

$11 \times 2+12+4$
What is the sum of 10 and 587?

Hannah bought a pack of six waters. It cost \$3.54. How much did each water cost?

Is 854 closer to 800 or 900?

Name:
One year on Pluto is equal to 248.54 Earth years. Round the decimal off to the nearest tenth.

You need to add what to 77 to get 86 ?

Sarah and Emma are making gift baskets. They have 30 pieces of peanut butter fudge, 12 peanut butter cookies, and 12 silk flowers. All the baskets must have the same number of each item with no items left over. How many baskets can they make?

There are 150 students going on a trip to Gettysburg, PA. They will ride buses that will hold 48 students each. How many buses they will need?

How many total legs are on 15 elephants?

Justin and Kevin built a ramp to help them do roller skating stunts. The edges of the ramp formed a triangle with sides that were 4.3 feet long, 5.3 feet long, and 2 feet long. What is the perimeter of the triangle?

There were 13 turkeys in the pen. Six more turkeys joined them. Three turkeys were taken out of the pen and put in the barn. Write an expression to find the number of turkeys left in the pen. Solve it.

Name the shape with four sides and four angles.

On the first day of autumn, it rained 2.06 in. The next day it rained 1.8 inches. How much more did it rain the first day than the second?

Write a letter that has two or more lines of symmetry.

Circle the answer that best completes the sentence.
On Monday, I (will/would) go ice skating.

Name: $\qquad$

## ACROSS

1. Two times 14-Across
2. 7-Across plus 4-Down
3. $9+13$
4. Nickels in nine dollars
5. Six times 14 -Across
6. One-sixth of 14 -Across
7. $4+4=2 x$ $\qquad$
8. $4+14$
9. Two less than 4 -Across
10. One-fifth of 12-Down

DOWN
2. One less than 6-Across
4. Six more than 17-Across
5. One-ninth of 14-Across
9. Five more than 1-Across
10. Five more than 4-Down
11. Seven less than 10-Down
12. $9+11$
13. 8-Across plus 4-Down
15. Five more than 4-Across
16. 11-Down plus 10-Down
17. $6+11$


Holly wants Emma to guess a two digit number. She tells Emma that her number has two different digits. The digits are 8 and 1. Emma thinks. She then guesses the number 18. What are the chances that Emma has guessed correctly?

67
$\begin{array}{r}67 \\ -49 \\ \hline\end{array}$




[^0]:    How many yards are in 9 feet?

