## MONTHLY MATH CHALLENGE

## Homework

April


My Name:


Name: $\qquad$

®


Show your work.
Yum! Nathan and Wendy are having a feast. A feast of flies!
They found a total of 12 flies, and they ate them all.
Nathan ate 2 more flies than Wendy. He was super hungry. How many flies did Nathan eat?

How many flies did Wendy eat?
$\square$
Name: $\qquad$
"Happy birthday, Buck! Everyone, Buck is 7 years old today," says Jen.
"Wow! I didn't know this was a dog birthday party. But I thought you just got Buck last year?" asks Pam.
"I did. He's 7 years old in dog years. Next year he will be 14 years old," replies Jen. "If he's 7 years old today, I bet you can't figure out how old he will be in 5 human years," asks Jason.

Show your work.

Don't forget the question asks for his dog age in 5 years. He's already 7 dog years old. Count by 7s.
$\square$
Name: $\qquad$
7 legs! 3 legs! Squishies are fun. Let's play!
"Can we play with your squishies?" asks Sara.
"Great idea! Let's go to my room," replies Emily.
"Weird. This red squishy has 3 legs," says Sara.
"Yeah! And the orange ones have 7 legs. I couldn't sleep last night, so I just counted legs on my red and orange squishies," says Emily.
"You are kidding! How many legs did you count?" asks Sara.
"Well, I counted 57 legs. The orange took a while to count. When I bought the red and orange squishies, each package came with 2 orange and 1 red squishy. So I have exactly double the number of orange squishies than red squishies," says Emily. How many red squishies does Emily have?

Show your work.
$\square$

## Name:

$\qquad$

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$\square$

## Name:

$\qquad$


How many ladybugs, tulips, and dragonflies do you see on this page? Graph your answers.


Shopping for Spring Things
 How many dollars and quarters do you need to buy each item?

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Name:



Write operation.
Write $=$ sign.
Circle.
$\triangle 9+12=21 \quad \begin{array}{lllllllllllllllll}11 & 16 & 2 & 11 & 8 & 21 & 9 & 11 & 6 & 10 & 16 & 16 & 8 & 7 & 10 & 23\end{array}$
$\square 4+4=$
$\square 12+12=$
$\square 2+7=$
$\square 12+2=$
$\square 5+5=$
$\square 5+8=$
$\square 11+10=$
$\square 6+10=$
$\square 7+9=$
$\square 12+3=$
$\begin{array}{lllllllllllllll}22 & 18 & 14 & 10 & 9 & 4 & 6 & 2 & 10 & 21 & 12 & 3 & 20 & 12 & 16 \\ 17\end{array}$ $\begin{array}{lllllllllllllll}3 & 7 & 11 & 21 & 4 & 14 & 27 & 5 & 10 & 10 & 3 & 3 & 24 & 8 & 2\end{array} 4$ $\begin{array}{llllllllllllllll}26 & 4 & 3 & 9 & 4 & 12 & 2 & 24 & 7 & 13 & 18 & 5 & 15 & 14 & 21 & 21\end{array}$ $\begin{array}{lllllllllllllll}4 & 7 & 12 & 12 & 16 & 10 & 7 & 7 & 1 & 3 & 8 & 22 & 1 & 23 & 3 \\ 10\end{array}$ $\begin{array}{lllllllllllllll}10 & 4 & 20 & 4 & 23 & 13 & 5 & 5 & 9 & 9 & 4 & 5 & 21 & 11 & 4 \\ 11\end{array}$ $\begin{array}{llllllllllllllll}5 & 16 & 8 & 21 & 10 & 23 & 5 & 8 & 14 & 13 & 5 & 4 & 12 & 18 & 17 & 5\end{array}$ $\begin{array}{lllllllllllllllll}21 & 24 & 14 & 12 & 21 & 12 & 8 & 8 & 1 & 12 & 12 & 12 & 17 & 7 & 26 & 18\end{array}$ $\begin{array}{lllllllllllllll}12 & 10 & 12 & 5 & 5 & 10 & 13 & 15 & 20 & 10 & 16 & 9 & 10 & 14 & 10 \\ 7\end{array}$ $213-9+12=21 \begin{array}{lllllllllll}17 & 5 & 10 & 5 & 5 & 15 & 25 & 2 & 8 & 7 & 10\end{array}$ $\begin{array}{lllllllllllllll}11 & 26 & 12 & 0 & 16 & 6 & 13 & 7 & 6 & 23 & 2 & 10 & 11 & 12 & 12 \\ 19\end{array}$ $\begin{array}{llllllllllllllll}10 & 10 & 22 & 4 & 8 & 8 & 18 & 9 & 9 & 12 & 12 & 24 & 11 & 13 & 15 & 8\end{array}$ $\begin{array}{llllllllllllllll}2 & 17 & 20 & 12 & 8 & 12 & 2 & 14 & 21 & 16 & 12 & 14 & 15 & 20 & 9 & 2\end{array}$

Name: $\qquad$
$\square$

Get a fidget spinner! Spin it.
$\square$

11, 14, 17, $\qquad$ 23,
$\qquad$ , $\qquad$
Count by Ss. $\square$


How much is this?


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

$26, \ldots, 28$, $\qquad$
$\qquad$

Sarah found a wishing well. In her pocket she found 13 coins. She threw 4 of her coins into the wishing well. How many coins does she still have?

Hunter is baking oatmeal raisin cookies. He puts exactly 3 raisins into each cookie. If he used 15 raisins, how many cookies do you think he made?


Name: $\qquad$
$\square$

## Spin again.

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


How many nickels do you need if you want to have exactly 15 cents?

A, D, G, J, M, P, S, $\longrightarrow Y$


2 tens +6 ones $=26$
_ tens + __ ones $=38$
_ tens + _ ones $=47$
_ ten + _ ones $=10$

$\qquad$

Anna still has a baby pool in her garage. No one has used it in ages, so she decided to invite all her friends over for a pool party. All her friends and their dogs, of course. She texted Sarah, "Can you come over? It's Duke's birthday. He wants a pool party."
Sarah quickly walked her dog over to Anna's house. "Down, Max!" ordered Sarah to her pet beagle.
David also came with his pet dog, Lucy. She quickly ran after Max, and they both splashed in the pool.
"Aw. They are best friends," said Sarah. "How old is she?"
"I forget," said David. "But I know we got her the same year Anna got hers." "Yeah," interrupted Anna. "Duke and Lucy are younger than Max. Not by much though! And Lucy is just a little bit older than Duke." Which dog is the youngest?

Which dog is the oldest?

Name: $\qquad$
At the local community center, they were having a chocolate festival. Emily, Sarah, and Amy went to the chocolate chip cooking room.
Emily was amazed. "Wow! Look at all those chocolate chips," she said.
"Take a number," said a lady to Emily.
"What for?" replied Emily.
"The number will tell you how much flour I give you. Then you can make as many cookies as you can with all the other ingredients at that other table," replied the lady.
Emily took a b. She was given 6 cups of flour, and she was able to make 57 cookies. Sarah took a 1 . "Aw. Only one cup of flour?" asked Sarah. Only 1 cup is what she got. How many cookies do you think she could make?

Try drawing a picture of cups of flour and cookies. Maybe that will help!
$\square$
$\qquad$

$$
\begin{array}{r}
2045 \\
+59 \\
+96 \\
\hline
\end{array}
$$

$$
\begin{array}{r}
30 \\
+81 \\
\frac{10}{01}+\frac{16}{11}+\frac{79}{06}+\frac{4 Q}{\square 2}+\frac{46}{03}+\frac{5 \square}{88}
\end{array}
$$

$$
\begin{array}{llllll}
34 & 17 & 53 & 25 & 34 & 67
\end{array}
$$

$$
+68+70+24+91+34+90
$$

$$
\begin{array}{r}
\square 7 \\
+60 \\
\hline 10 \\
+\square O \\
10
\end{array} \frac{\square 29}{85}+\frac{\square 9}{12}+\frac{4 Q}{\square 2}+\frac{84}{94}
$$

$\square$
Name:

| Justin had 18 bottles of <br> Coca-Cola. He gave 11 <br> to his friends. How many <br> does he have left? | Jason is saving money. <br> He wants to buy a book <br> about fish. He has 26థ. <br> His father gave him 69థ. <br> How much money does <br> he have now? | Gavin wears blue socks. <br> He had 10 blue socks. He <br> lost one. How many <br> socks are left? |
| :--- | :--- | :--- |

Fill in the numbers.


Name:


Spin fidget spinner. Quick!
Human Years: $\frac{2}{2}$
Dog's Age: 14

Human Years: 11
Dog's Age: $\qquad$

Human Years: 9
Dog's Age: $\qquad$

Human Years: $\qquad$
Dog's Age: 35

Human Years: $\qquad$
Dog's Age: 21
Human Years: 4 Dog's Age: $\qquad$

Human Years: 10
Dog's Age: $\qquad$

Human Years:
Dog's Age: $\qquad$
Human Years:
Dog's Age: 56

Dog's Age: 56

Human Years: 6
Dog's Age: $\qquad$
Human Years: 10
Dog's Age:

Human Years: $\qquad$
$\square$
Human Years:
Dog's Age: 35
Human Years: ___ Dog's Age: 14

Human Years: 1
Dog's Age: $\qquad$

How many times do you need to spin?

I needed to spin $\qquad$ time (s) to finish the page.


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

Human Years: 3 Dog's Age: $\qquad$

Human Years: 12
Dog's Age: $\qquad$

Human Years:
Dog's Age: $\qquad$
$\qquad$ Human Years: 7

Dog's Age: $\qquad$
Human Years: 11
Dog's Age:

Name:

Hannah counted 38 parents at the picnic. Erin counted 12 more than Hannah. How many parents did Erin count?

Alex is so thankful for his books. He has 17 books. Jacob is so thankful for his books, too. He has 11 books. Alex has $\qquad$ more books than Jacob.

Sara had 29 smiley face stickers. She gave 11 stickers to Jane. How many stickers did she have left?

There are 21 firemen at the fire. Are there about 10 , about 20 , or about 30 firemen at the fire?

Write how much to add or subtract.
$6+2$
8
+2) 10
13

10
$\circlearrowleft_{7}$


11
 3
15

5
$48-1=$ $\qquad$
$\square$
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?


## What is the sum?

$A+B+C+D+E+F+G$

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

$\qquad$

2 before 12 $\qquad$ 1 after 19 $\qquad$ 2 after 18 $\qquad$
8 before 15 $\qquad$

5 after 14 $\qquad$

7 after 13 $\qquad$ 6 after 17

9 after 15 $\qquad$

Name: $\qquad$
Sarah has 3 dogs.
Lucy was born 9 years ago.
Buck was born 2 years and 3 months after Lucy.
And they just got Max. He is only 8 weeks old!
How old is Buck?

Show your work.
$\square$
Name: $\qquad$

Five girls play soccer. Four more girls join them. How many girls play soccer?

Eric and Gavin were very hot. Eric drank two root beer floats. Gavin drank four root beer floats! How many floats did they drink in all?

Emily has twenty-seven pairs of shoes! Six pairs of the shoes are brown. How many pairs of shoes are not brown?
$\square$
Name: $\qquad$
Fill in the Blanks


Write an equation to match each group of objects.

$\square$
$\qquad$


Fill in the pie charts to match each player.


O2 ground bals
O 4 line drives
O 2 fy balls

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$\square$
Name:

April Fools' Day is the first day of April. This year Molly played 5 tricks on her friends. Sara played 3 tricks on her friends. How many tricks did Molly and Sara play in all?
April Fools' Day is the first
day of April. This year
Molly played 5 tricks on
her friends. Sara played
3 tricks on her friends.
How many tricks did
Molly and Sara play in all?


Dana took out 12 books from the library during Library Week. Alice took out 15 books from the library during Library Week. How many more books did Alice take than Dana?

## Nora needed her rain

 boots for 5 days and her snow boots for 2 days in April. How many days did she need boots in all?How many times do you need to spin?

I needed to spin $\qquad$ time(s) to finish the page.

## Name:

$\qquad$

Spin the fidget spinner again until you finish THIS page. I needed to spin $\qquad$ time(s) to finish.

Matt mowed 5 lawns the first week in April. He mowed 12 lawns the last week in April. How many more lawns did Matt mow the last week in April than the first week in April?

Mrs. Martel had 6 weather books in her classroom. Miss Feeney had 5 weather books in her classroom. How many weather books did they have in all?

Dave rode his bike around the block 7 times in the morning. Then he rode his bike around 8 times in the afternoon. How many times did Dave ride around the block?

There were 4 eggs in the first nest and 6 eggs in the second nest. How many more eggs were in the second nest than in the first nest?

Sally painted 9 watering cans for the craft fair on Monday. She painted 7 watering cans for the craft fair on Thursday. How many watering cans did she paint in all?

Mrs. Waffle has 8 umbrellas at home and 4 umbrellas at school. Mrs. Waffle does not like to get wet. How many umbrellas does she have in all?

Erin played 9 jokes on April Fools' Day. Mary played 6 jokes on April Fools' Day. How many more jokes did Erin play than Mary on April Fools' Day?

There were 8 birds at the bird feeder in the morning. There were 6 birds at the bird feeder in the afternoon. How many more birds were there at the bird feeder in the morning than in the afternoon?

There are 7 boys on the Little League team.
There are 5 girls on the Little League team. How many children are on the Little League team in all?
$\square$
Name: $\qquad$

| + |  | 7 | 6 | 5 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | + | $\begin{gathered} 8 \\ +\quad 7 \\ \hline \end{gathered}$ |  | $\begin{gathered} 6 \\ +5 \\ \hline \end{gathered}$ |  |
| 6 | $\underline{6}+$ | $\underline{6}+\underline{7}$ | $\begin{gathered} 12 \\ 6+6 \\ \hline \end{gathered}$ | $\underline{6}+\underline{5}$ | $\underline{6}+$ |
|  | + | $\underline{+}+\underline{ }$ | $\begin{gathered} 13 \\ +\quad 6 \\ \hline \end{gathered}$ | $\underline{+}+$ | $\underline{+}$ |
| 7 | $\begin{array}{r} 13 \\ 7+ \\ \hline \end{array}$ | $\underline{7+7}$ | $\underline{7+6}$ | $\underline{7}+\underline{5}$ | $\underline{7}+$ |
|  | $\underline{+}$ | $\begin{array}{r} 16 \\ +7 \\ \hline \end{array}$ | $\underline{+}+\underline{ }$ | $\underline{+5}$ | $\underline{+}$ |

How many triangles can you find?
Color the smallest triangle you can find red.
Color the largest triangle you can find yellow. (Hint: Look for small and big triangles.)

triangles

Circle the number that is less. 385358

| 9 | ten less than <br> 7 <br> 7 |
| ---: | ---: |
| +39 |  |

Name:



How many?


Rose took an empty half gallon milk carton and filled it with jelly beans. Write a number to estimate how many jelly beans are in the milk carton.

How much is this?


Amanda has 8 squishies. She collects them! She has 2 red ones. The rest are yellow. How many squishies are yellow?

## Name:

$\qquad$
Francie the frog is hopping from rock to rock to get across the stream. (She doesn't feel like swimming today.) She likes to hop only on rocks with glad words on them. Circle the words on the rock that mean glad.

How many rocks did she hop on? $\qquad$


At the next stream, Francie hops on six more rocks with happy words on them. How many rocks did Francie hop on

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## Name:

$\qquad$
Milton the mad scientist wanted more moonlight. He knew that some planets had more than one moon. Since Jupiter has sixty-nine moons, he made three moons vanish. Then he made the three moons swoop over to Earth. The difference in moonlight was amazing! Soon he would describe what would happen to the tides in the ocean because of the extra moons. Oh my! How many moons does Jupiter now have? $\qquad$
The words in bold are challenging words. They ended up in the asteroid belt, and they are confusing the aliens living on the asteroids! Write one of the challenging words on the blank above the word that has the same meaning. One example is done for you.


Drsappean

$\square$
Name: $\qquad$


How many times do you need to spin?

I needed to spin $\qquad$ time(s) to finish the page.

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

$$
\begin{array}{r}
268 \\
+226 \\
+61 \\
\hline
\end{array}
$$

$$
\begin{array}{r}
47130 \\
+86 \\
+11 \\
\hline
\end{array}+57 \quad+5201 \begin{array}{r}
37 \\
\hline
\end{array}
$$

| 54 |
| ---: |
| +446 |
| +84 |




