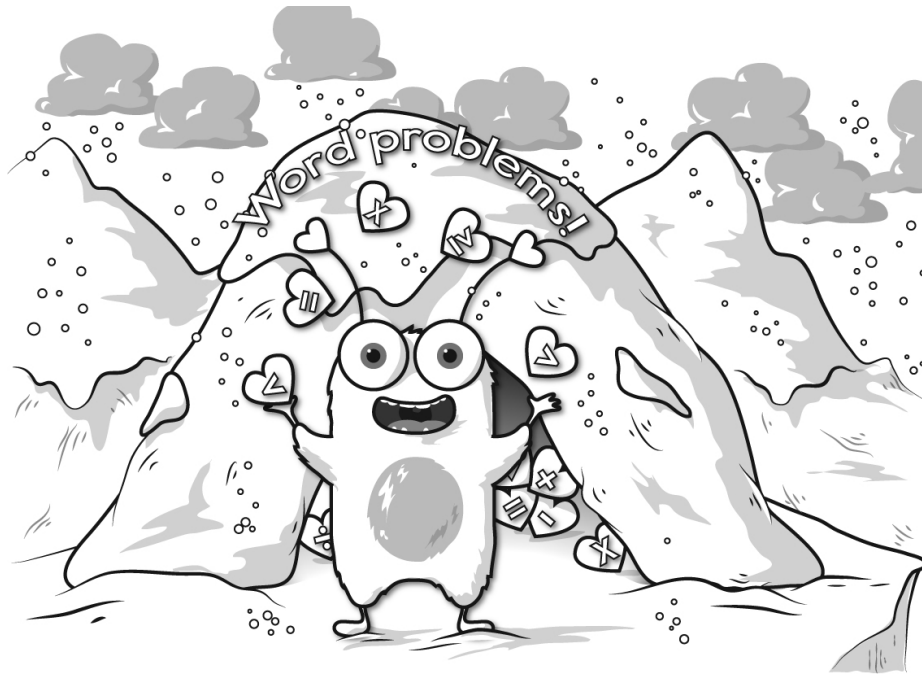


MONTHLY MATH CHALLENGE

Homework

February



My Name: _____

Do all of these,
but skip 2 pages:

- ☐ page 1
- ☐ page 2
- ☐ page 3
- ☐ page 4
- ☐ page 5
- ☐ page 6
- ☐ page 7
- ☐ page 8
- ☐ page 9

- ☐ page 10
- ☐ page 11
- ☐ page 12
- ☐ page 13
- ☐ page 14
- ☐ page 15
- ☐ page 16
- ☐ page 17
- ☐ page 18
- ☐ page 19
- ☐ page 20
- ☐ page 21

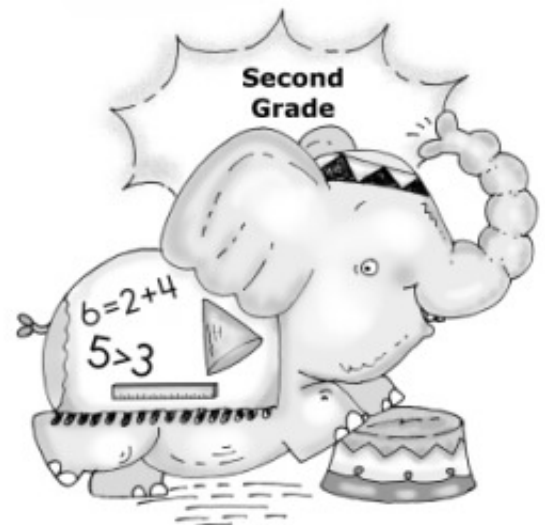
- ☐ page 22
- ☐ page 23
- ☐ page 24
- ☐ page 25
- ☐ page 26
- ☐ page 27
- ☐ page 28
- ☐ page 29
- ☐ page 30

Find a helper.

He/she helped by checking my work.

Hand in by February 28.

Feel free to hand in early!



Name: _____

Can you get
three in a row?

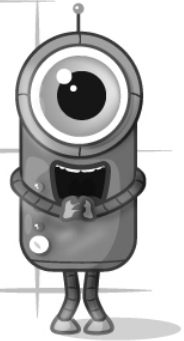


In a Row

Bakery and Mini Games

Score Keeper

Can you get
four in a row?!



Name: _____

Day played:

Score:

On your computer:

edHelper.com/math-games.htm



Put a star
next to your
best score.

Can you draw the
In a Row robot?



How did you do playing the **In a Row** game?

Rate your performance!



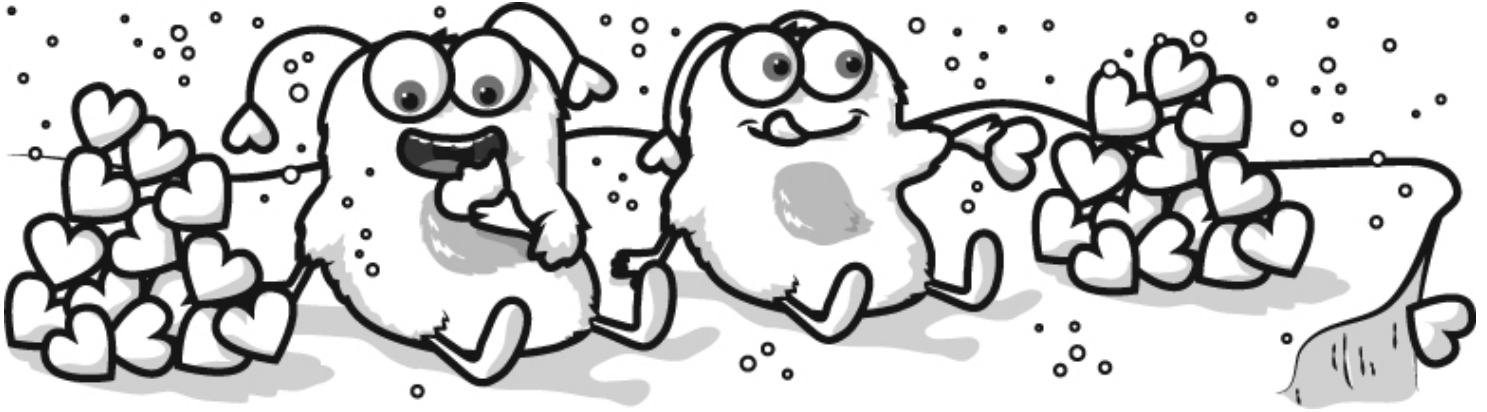
Great
work!



End of month score:

edHelper.com/math-games.htm

Name: _____



Jill and Bill are tasting chocolate.

Sometimes they even taste snowflakes.

For every chocolate Bill tastes, he tastes 3 snowflakes.

For every chocolate Jill tastes, she tastes 4 snowflakes.

Jill tasted 5 chocolates.

Bill tasted 6 chocolates.

Who tasted more snowflakes?

Show your work.

Do you prefer chocolate or snowflakes?
Please remember to SHOW your work.

☐

I did page 3

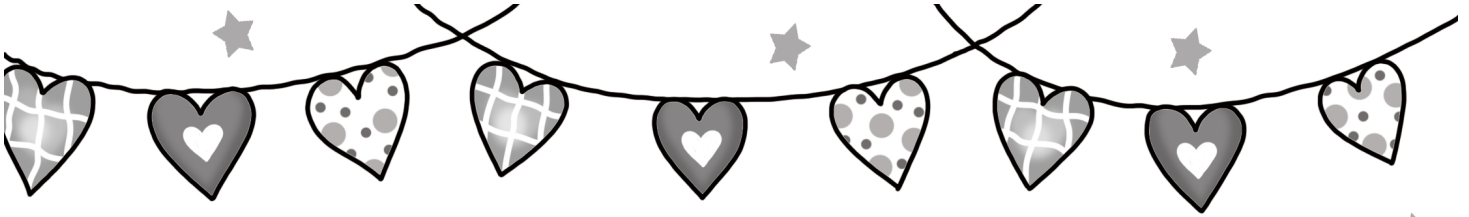
☐I decided to skip this page
edHelper**Name:** _____

If Emma were 6 inches shorter, she would be the same height as her BFF, Pam.
Pam is 53 inches tall.
How tall is Emma?

Sarah has more comfy hoodies than jackets. She has fewer jeans than casual tops, but she has more jeans than hoodies.
Which does Sarah have the least of?

David is now the tallest boy in his class. Three years ago in kindergarten, when he was 5, he was the shortest boy. Crazy!
How old is David?

Name: _____



$$\begin{array}{r} 212 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 135 \\ + 72 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ + 38 \\ \hline \end{array}$$

$$\begin{array}{r} 165 \\ + 45 \\ \hline \end{array}$$

Fill in the vowels.



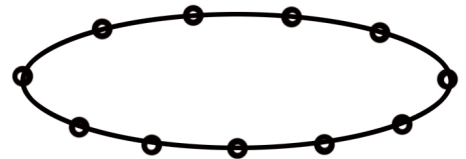
V _ _ L _ _ N T _ _ N _ _

F _ _ B R _ _ _ R Y

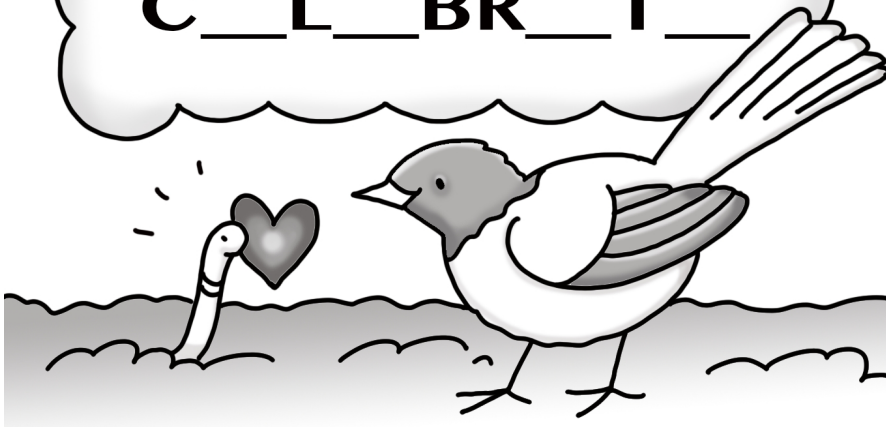
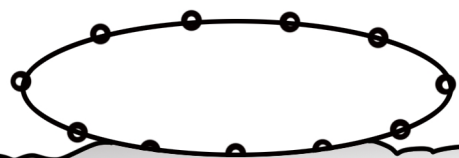
F R _ _ _ N D S H _ _ P

C _ _ L _ _ B R _ _ T _ _

Ella has 6 valentines.
She has 2 red
ones. The rest are
pink. How many
valentines are pink?



Hunter read 2 books.
Morgan read 5
books. How many
books in all
did they read?



Name: _____

Show your work.

Mia loves pizza. Her favorite is pesto pizza with goat cheese.

"Ew," says her friend Pam. "I love pizza but nothing on it for me!"

Mia asked her other friends, and they prefer plain pizza also. So she decided to have a plain pizza party.

She invited 8 of her friends to the party. She wants to have 2 slices for everyone at the party and maybe 6 extra slices in case any parents want to eat.

All of her friends said they could come. Ava and Mary told her that they don't like pizza, but they will come anyway. Mia will have some mac and cheese for them.

How many slices of pizza should she order?

Mia called the pizza store to order. They told her they only sell whole pies.

Each pie has 6 slices. How many pies should she order?

Name: _____

+ - = Build an Equation + - = + - = + - =

10 - 6 = 4 _____ _____

Snowballing Sums

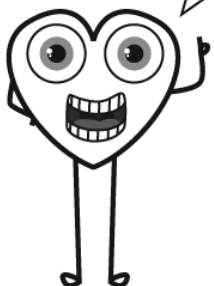
5 15

Add 10 Add 10 Add 10 Add 10 Add 10 Add 10 Add 10 Add 10 Add 10 Add 10 Add 10 Add 10

||||| ||| ||| ||| ||| ||| |||

Counting with Tallies

Look around the room.
Don't leave your seat!
Tally your answers in
rows that are neat.



_____ things that are RED

_____ things that are PURPLE

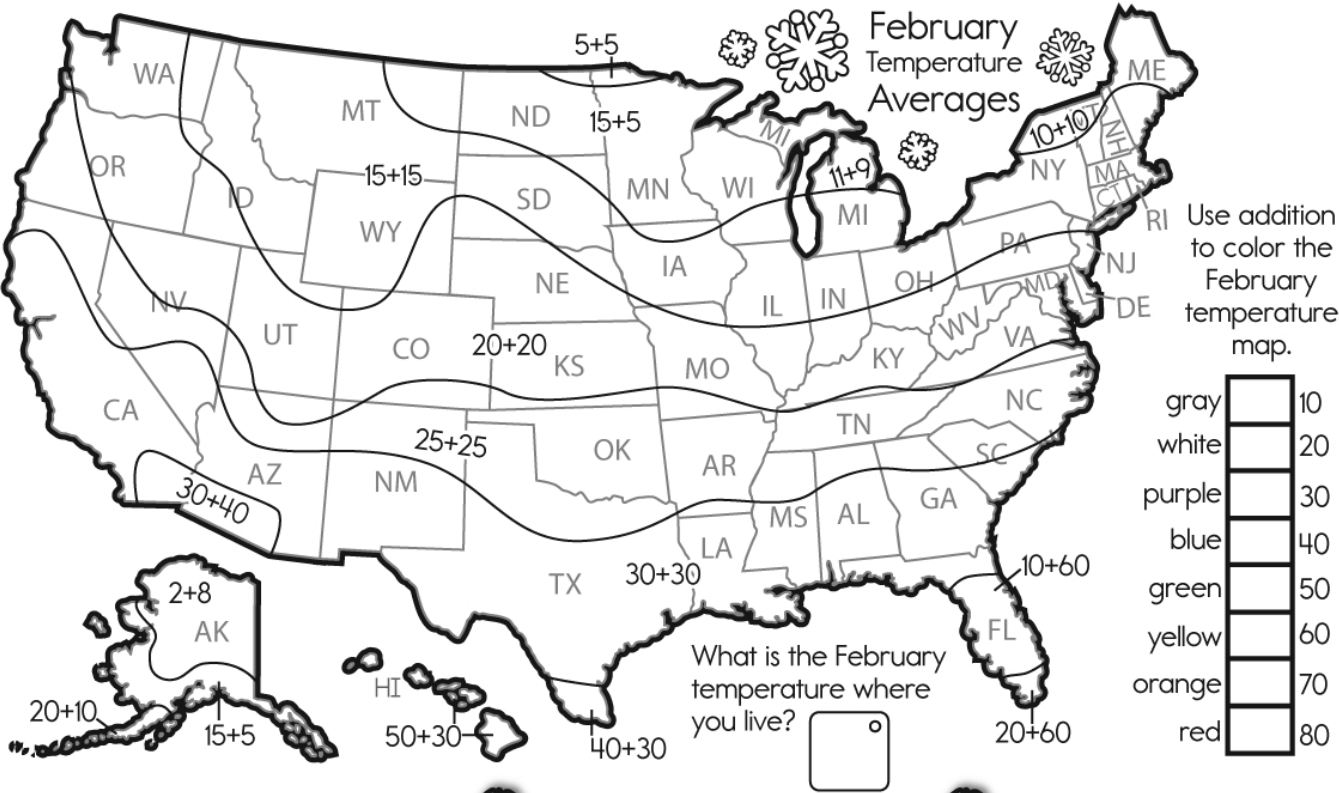
_____ things that are PINK

_____ things that are BLUE



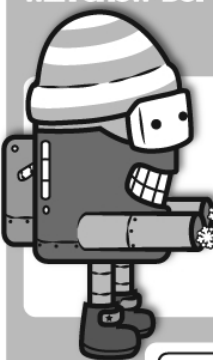
How much more money
do you need to buy the
box of chocolates?

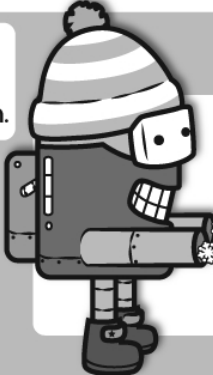
Name: _____

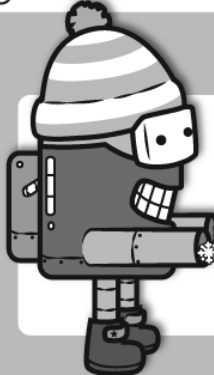


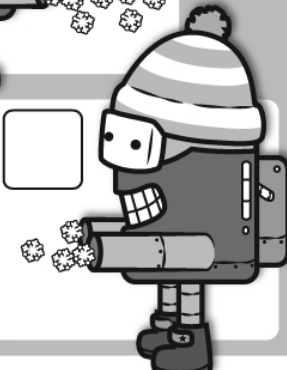
Estimating with Snow-Bot

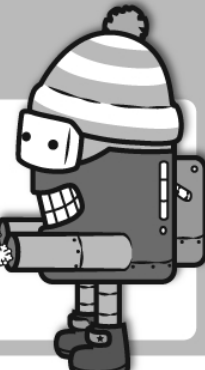
Estimate the snowflakes to the nearest **ten**.

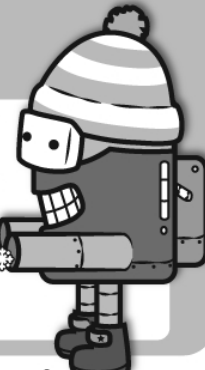












25¢

Shade the quarters needed to buy each item.

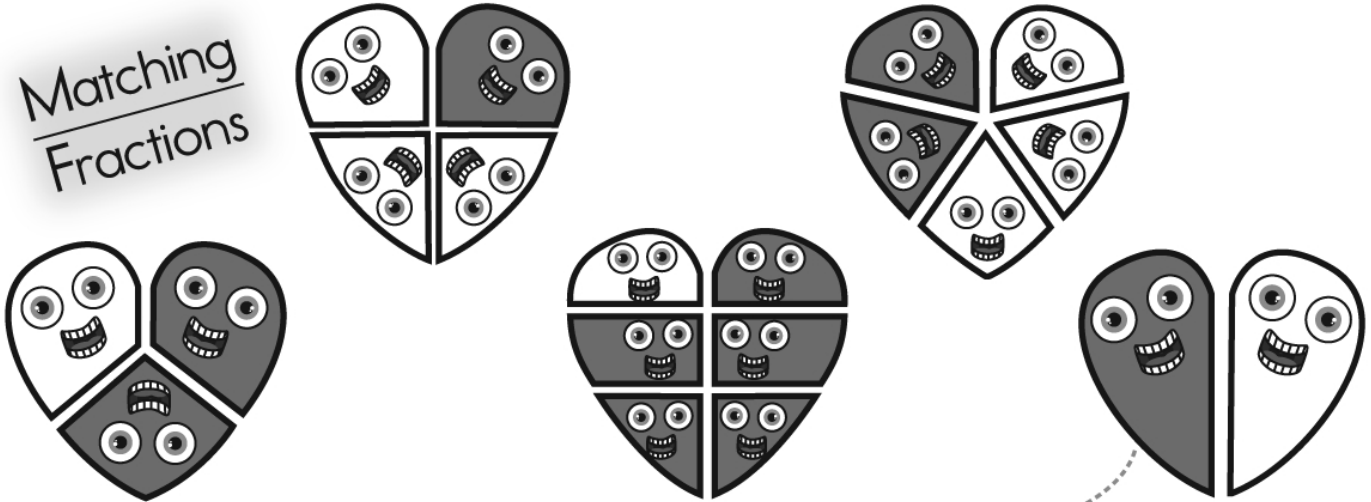
Lunch with a yeti: \$1.25

Tea time with a groundhog: 75¢

Paw knitted scarf by a polar bear: \$2.00

Name: _____

Matching Fractions



$\frac{1}{2}$ $\frac{2}{3}$ $\frac{1}{4}$ $\frac{2}{5}$ $\frac{5}{6}$

Circle the Larger Number

116 109

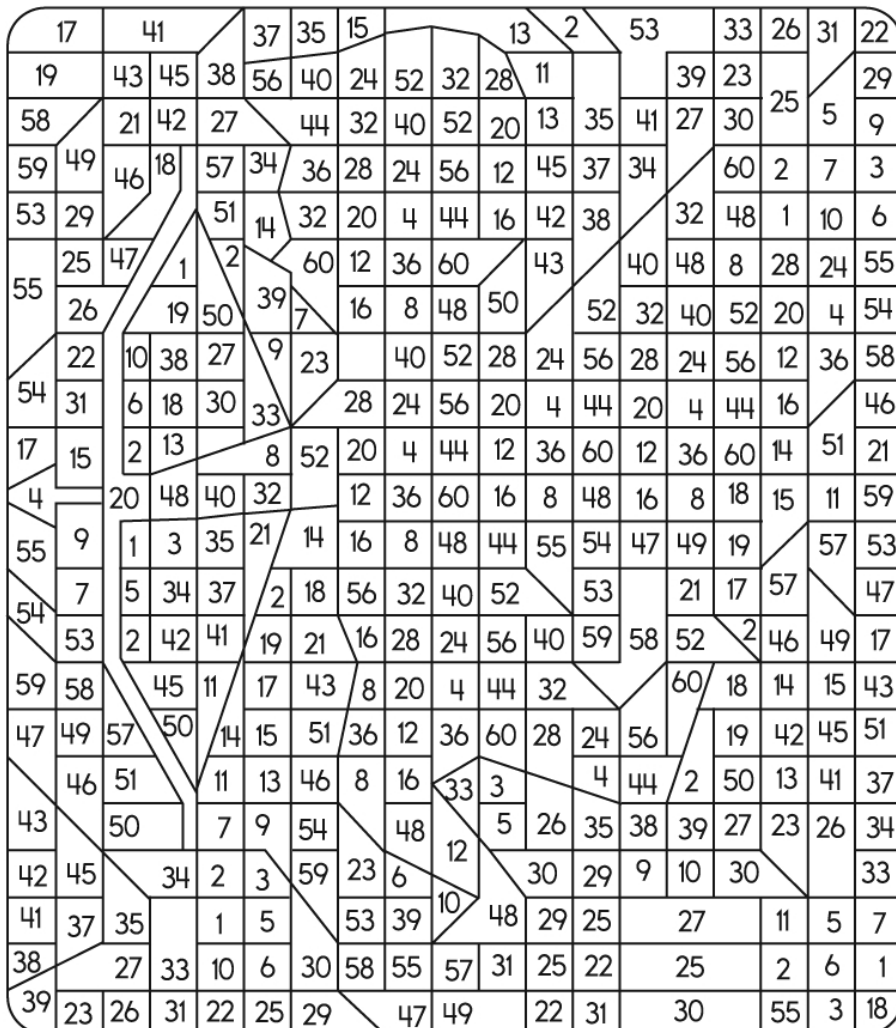
225 301

422 399

854 674

99 122

581 602



Continue Counting by 4,

then shade those numbers.

48 _____

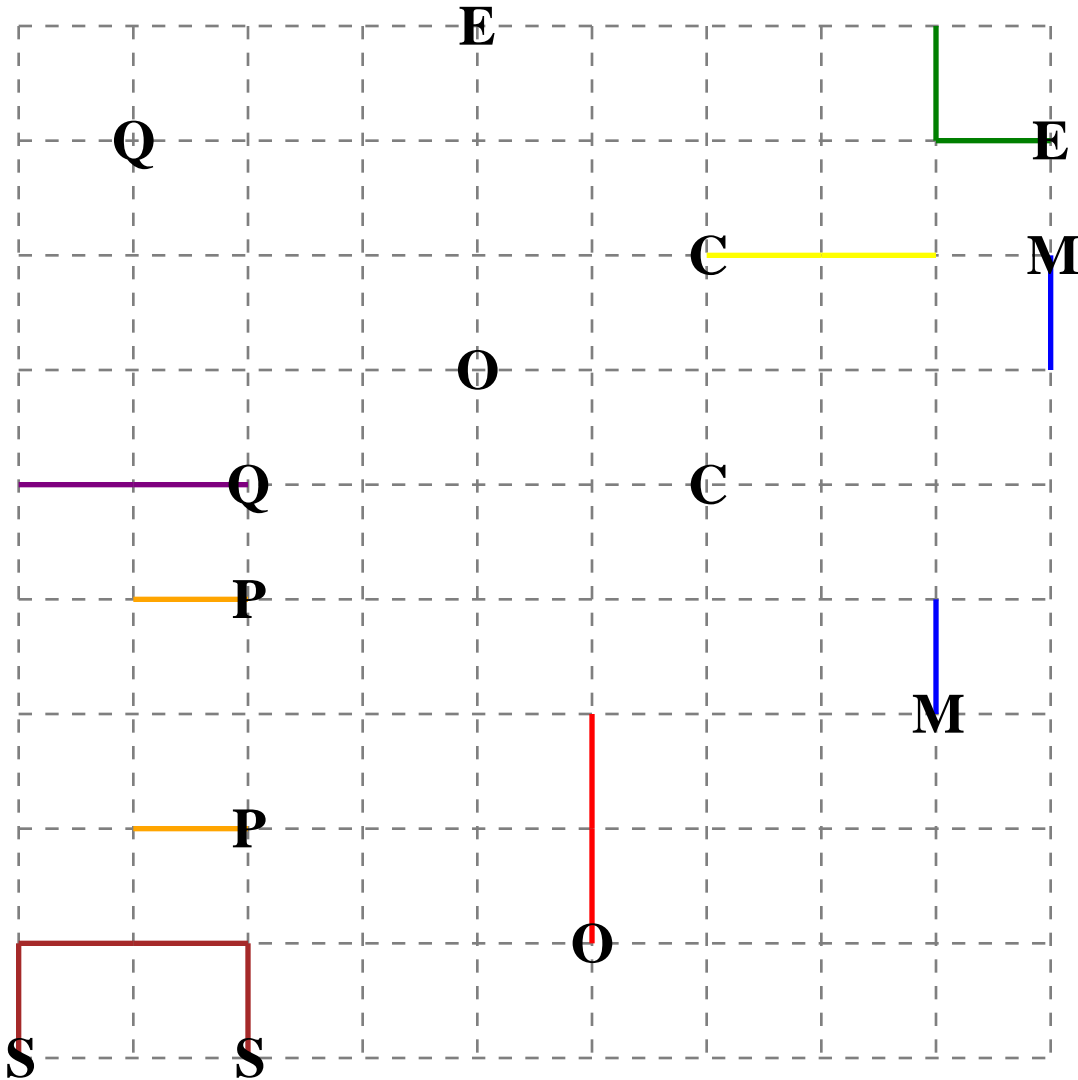
Name: _____

Letters Kissing

Each of the letters needs to kiss the same letter.

Draw a line that connects one letter to one other letter to kiss. Draw your lines over the trace lines. No lines may cross. Once you draw a line to a letter, that letter cannot be used again.

One complete line has already been drawn for you. A part of each of the other lines has also been drawn for you.



Name: _____

Pam bought 10 treats for her dog at the pet store. After 11 days she only has 5 treats left. Assuming her dog ate the ones missing, how many treats has her dog eaten?

Sara is playing MudVille, a fun new game. She has 10 coins. After she went to the MudVille shop to buy stuff, she had 7 coins left. Can you figure out how many coins she spent at the store?

Seven minus three is _____.

_____ is three less than eight.

Emma has 2 younger sisters. Emma decides to give 3 stuffed animals to each of her 2 younger sisters. After she does this, Emma still has 11 stuffed animals left. How many stuffed animals did Emma start out with?

Max is playing MudVille, a fun new game. He has 9 coins. He wants to buy as many Power Bursts as he can. Each Power Burst costs 5 coins. What is the largest number of Power Bursts that Max can buy?

Name: _____

Ava loves birthday parties. "Who doesn't?" whispered Ava.

"I don't!" interrupted David. He is always interrupting. "And guess what? It's no one's birthday this month. So no birthday parties!! Whoo hoo."

David is so annoying, thought Ava. But she had a solution. "I'm only 7, but it's my half-birthday this month."

She will have a half-birthday party. How old will Ava be in years and months?

"How about we celebrate everyone's partial birthday?" asked Jenna.

"Awesome idea! How old will you be?" replied Ava.

"Well," said Jenna, "it has been 3 months since my 8th birthday. There are 12 months in a year, so I guess I'll have my $\frac{3}{12}$ birthday."

What birthday, in years and months, will Jenna be celebrating?

Name: _____

Ten children made gingerbread houses. Four children put red doors on their houses. How many children did not put red doors on their houses?

Bill counted 24 boys eating ice cream. They were very happy. Ann counted 2 more boys than Bill. How many boys did Ann count?

Sara made 15 spice cupcakes and 8 chocolate cupcakes for the party. How many cupcakes did she make in all?

Sarah has 8 squishies. She collects them! She has 5 red ones. The rest are yellow. How many squishies are yellow?

$$\underline{\quad} - 10 = 6$$

$$15 - \underline{\quad} = 11$$

	2	9
-	2	1
<hr/>		

Justin has a huge teddy bear! It is fifty-four inches tall. Hunter's teddy bear is only twelve inches tall. How much taller is Justin's teddy bear than Hunter's teddy bear?

Robert and Gavin played horseshoes. Robert scored 29 points. Gavin scored 11 points. How many more points did Robert score than Gavin?

Jack had fifty-seven rocks in his collection. He gave Alex twelve rocks. He gave David eight rocks. How many rocks does Jack have left?

	1	4
+		3
<hr/>		

Write the numbers.

six _____

sixteen _____

twenty _____

$$18 + \underline{\quad} = 22$$

$$\underline{\quad} + 14 = 21$$

Name: _____

Mrs. Allen bought 19 plain donuts. She bought 14 frosted donuts. How many donuts did she buy in all?

The cost of lunches for one day for East Elementary School is \$4,487. Round this amount to the nearest hundred dollars.

Mr. Miller is in the Coast Guard. He goes to work at half past six. Write that time another way.

Anne started school with 12 pencils in her desk. She counted her pencils. She only has 7. How many pencils has she used?

How much is this?



$$\begin{array}{r} 46 \\ - 35 \\ \hline \end{array}$$

Jack got 14 hugs on the Hug Holiday. His mother gave him 4 hugs. His father gave him 5 hugs. His sister gave him the rest of the hugs. How many hugs did his sister give him?

There are 10 pieces of fudge on each plate. There are 6 plates. Count by tens. How many pieces of fudge are there in all?

Wendy bought a bottle of ranch dressing. It cost \$2.93. She gave the clerk \$5. How much change did she get?

$$11 = \underline{\quad} + 10$$

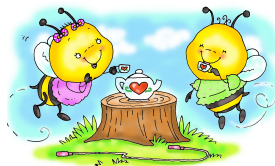
$$13 = \underline{\quad} + 10$$

$$14 = \underline{\quad} + 10$$

18, 36, 54, _____, 90,

108, 126, 144

B, _____, L, Q, V



Name: _____

Amy heard everything, and she had to have her say. She always does! "Well, I'm 8 and I'm going to be having my three-fourths birthday this month," she said.

Ava and Jenna looked dumbfounded. They never heard of a one-fourth birthday, not to mention three-fourths. Maybe they should take the 12 months in a year and group that into four groups so that it will make sense.

Any idea how old Amy will be this month in years and months?

Your thinking is what's important!
Show it! How? By using a pencil and writing down how you figured out this super difficult math problem.

Name: _____

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?

Mental Math



= Do it
in your
head!

imagine 2 in your head

add 4

Write the number.

_____ A

imagine 3 in your head

add 7

subtract 5

Write the number.

_____ B

imagine 5 in your head

subtract 3

add 1

Write the number.

_____ C

imagine 9 in your head

subtract 2

add 5

add 6

Write the number.

_____ D

_____ E

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?

_____ - t _____ e _____

2 before 17 _____

4 after 13 _____

2 after 15 _____

4 before 14 _____

8 after 14 _____

1 after 16 _____

8 before 19 _____

6 after 12 _____

9 after 11 _____

6 before 11 _____

5 after 18 _____

7 after 19 _____

Name: _____

Draw a line from START to END.

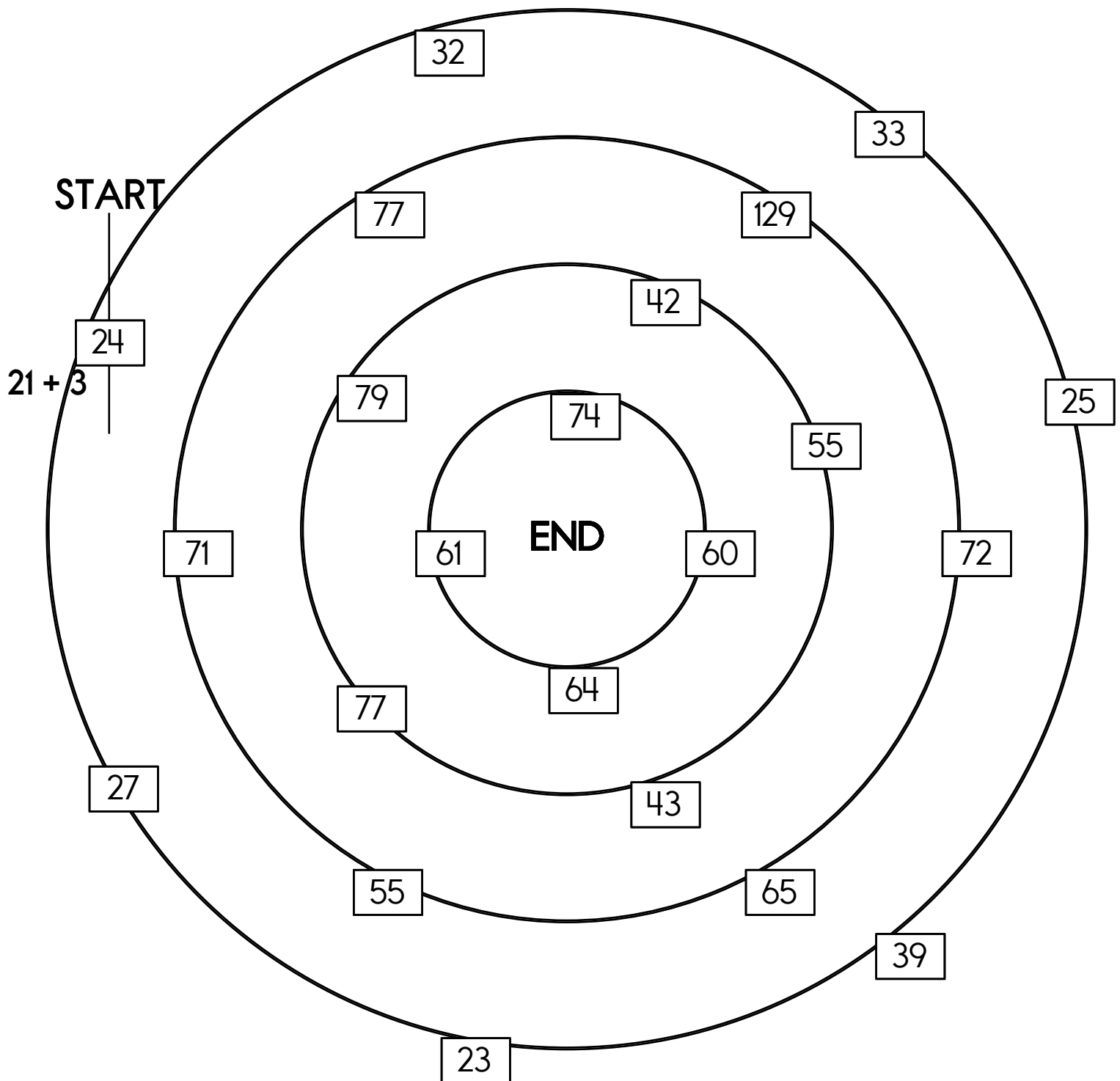
~~$21 + 3$~~

$40 + 2$

$58 + 2$

$66 + 5$

Cross out the equation you use above and then write it below.



☐

I did page 17

☐I decided to skip this page
edHelper**Name:** _____

Hannah's mom took Hannah and four of Hannah's friends to see a movie. An adult ticket is \$14, and a child ticket is \$11. What is the total cost of the movie tickets?

After buying the tickets and entering the theater, they were confused.

"Do we go left to theaters 1-4?" asked Ava.

"No, I think we go right to 5-8," said Catherine. "I'm always right!" she said as she giggled.

Hannah's mom likes to play math. "Well, I know it's an even number."

"That doesn't help!" everyone yelled.

"Hold on," said Hannah's mom. "It's also a multiple of 3."

Which theater number is the movie? Which direction should they go?

Show your work.

Name: _____



How many times
do you need to spin?

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

Spin fidget spinner. Quick!

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

$$\begin{array}{r} 58 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ + 58 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ + 76 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ + 56 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ + 94 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 60 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 46 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 76 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ + 65 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ + 67 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ + 70 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ + 60 \\ \hline \end{array}$$

☐

I did page 19

☐I decided to skip this page
edHelper

Name: _____

Maria made 65 charm bracelets to give out at her grandma's nursing home. Wow! She has been busy! She made yellow, green, and blue bracelets.

She made a total of 35 yellow bracelets.

She almost made the same amount of green and blue bracelets, but she actually ended up making 4 more blue ones than green ones.

How many bracelets did she make for each color?

Maria made 35 yellow charm bracelets.

Maria made _____ green charm bracelets.

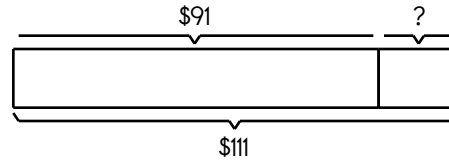
Maria made _____ blue charm bracelets.

$$\underline{\hspace{2cm}} + 628 = 878$$

$$398 + \underline{\hspace{2cm}} = 910$$

$$\underline{\hspace{2cm}} + 797 = 966$$

Rosa has \$91. Jessica has \$111. How much more does Jessica have?



Megan has \$83. Amanda has \$36 more than Megan. How much does Amanda have?

Draw a bar model and figure out the answer.

Don't forget to draw a bar model and show how it helps find the answer.

☐

I did page 20

☐I decided to skip this page
edHelper

Name: _____

Wendy and Emma are playing Follow the Math Rule with 3 rounds of play. Wendy starts with 80 marbles and Emma starts with 0. Wendy and Emma each take a card that tells them what to do.

In Round 1 Wendy gives Emma 32 marbles and Emma gives 24 marbles back.

In Round 2 Wendy gives Emma 24 marbles and Emma gives 16 marbles back.

Round 3. Wendy gives Emma 14 marbles. Emma gives back 6 marbles.

Finish this sentence. In each round Emma needs to give back

Hint: You count how many you get, subtract a number, and give back marbles.

Sarah has an apple farm in her backyard. It isn't that big, but today she picked 21 apples. Her mom took 9 of them from her. No worries. Her brother went and picked 36 apples and gave them to Sarah. How many apples does she have?

Don't forget to draw a bar model to show how you got the answer.

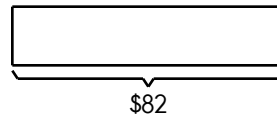
$$307 + \underline{\quad\quad\quad} = 548$$

$$\underline{\quad\quad\quad} + 768 = 989$$

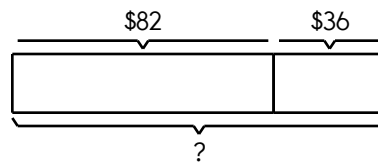
$$618 + \underline{\quad\quad\quad} = 952$$

Hannah has \$82. Emma has \$36 more than Hannah. How much does Emma have?

Hannah's savings



Emma's savings:



$$\underline{\quad\quad\quad} \bigcirc \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

Emma has \$.

Name: _____

Now that you figured out whether to go right or left to the correct theater, the kids...
the kids.... the kids.....

They didn't go left OR right.

They went straight!

Guess what is straight?

Not the theater.

Not the movie previews.

The popcorn booth!

What did the kids buy? How much did it all cost? Make up the prices and choices
yourself! You can't be wrong.

Show your work.

Please remember to SHOW your work.

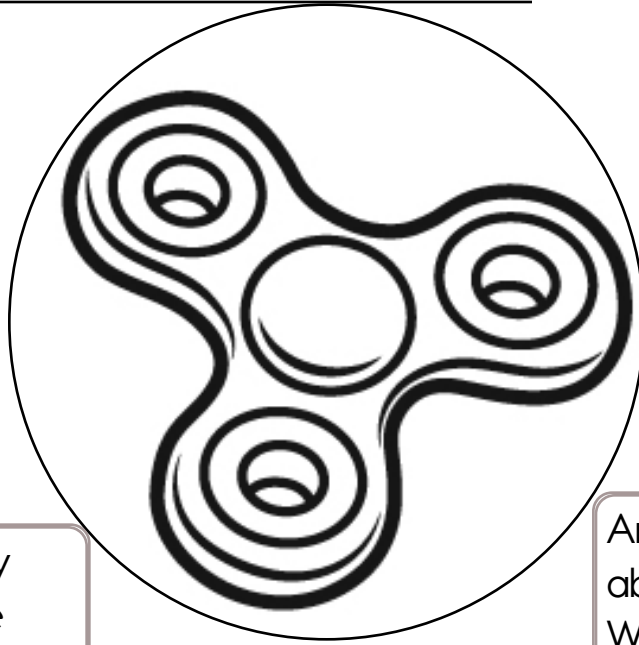
Don't forget drinks. Does everyone like popcorn or do they want something
else?

☐

I did page 22

☐I decided to skip this page
edHelper

Name: _____



How many times
do you need to spin?

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

Jess went to 7 hockey games last week. She went to 4 hockey games this week. How many more hockey games did Jess go to last week than this week?

Lee lost 3 teeth this year.
Cole lost 4 teeth this year.
Ann lost 5 teeth this year.
How many more teeth did Ann lose than Lee?

Anna read 2 books about President Washington. Dan read 3 books about President Lincoln. How many books about presidents were read in all?

Adam saw 5 boxes of chocolates at the store. Nick saw 6 boxes of chocolates at the store. How many boxes of chocolates did they see in all?

Mom gave Ray 5 candies to share at school. Ray gave away 4 candies. How many candies does Ray have left?

Jack went to 3 hockey games last week. He went to 2 hockey games this week. How many hockey games did Jack go to in all?

Mr. Jones ate 3 fruits and 1 vegetable to keep his heart healthy. How many more fruits than vegetables did he eat?

Emma's family put up 6 flags for Presidents' Day. Ben's family also put up 6 flags. How many flags were put up in all?

Ella made 4 red cards. Then she made 8 pink cards. How many cards did she make in all?

☐

I did page 23

☐I decided to skip this page
edHelper**Name:** _____

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

Mom gave Beth 5 pieces of candy to share at school. Dad gave Beth 4 pieces of candy to share at school. How many pieces of candy does Beth have in all?

The dentist saw 8 patients on Thursday. The dentist saw 6 patients on Friday. How many more patients did the dentist see on Thursday than on Friday?

Mrs. Brown gave out 5 red stickers. Then she gave out 5 red pencils. How many red things did Mrs. Brown give out in all?

Dave saw 2 groundhogs at the zoo. Then 6 more groundhogs came along. How many groundhogs did Dave see in all?

The dentist saw 6 patients on Monday. Then the dentist saw 8 patients on Tuesday. How many patients did the dentist see in all?

Mr. Smith ate 2 fruits on Wednesday to keep his heart healthy. Mr. Smith ate 4 fruits on Thursday. How many fruits did Mr. Smith eat in all?

Ava made 11 red cards and 9 pink cards. How many more red cards than pink cards did Ava make?

Joy had 5 turns jumping rope today. She had 10 turns jumping rope yesterday. How many more turns did Joy have yesterday than today?

There were 10 sleepy groundhogs at the zoo. There were 5 playful groundhogs at the zoo. How many more sleepy groundhogs were there?

There are 10 girls in Adam's class. There are 7 boys in Adam's class. How many more girls than boys are there in Adam's class?

There are 7 boys in Matt's class. There are 7 girls in Matt's class. How many students are in Matt's class in all?

Jill needed 10 cards for her class. She finished 5 cards. How many more cards does Jill need to make?

Name: _____

Mrs. McCormack was gathering all the supplies for her class's Valentine's Day party. The 23 kids in her class were so excited to celebrate by handing out cards and making crafts. The students had signed up to bring most of the goodies for the party, but Mrs. McCormack needed to purchase plates, napkins, and drinks. She counted the juice boxes, water bottles, and milk cartons. She decided to buy 18 of each. If each of her students only choose one drink, how many drinks will be left over when the party is finished?

Show your work.

Name: _____

Connor had forty-one rocks in his collection. He gave Max thirteen rocks. He gave Robert six rocks. How many rocks does Connor have left?

Holly found a bird's nest. It had three little blue eggs in it. Amy found a nest with four little white eggs in it. Erin found a nest with five brown eggs in it. How many eggs did the girls find in all?


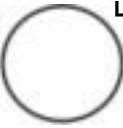
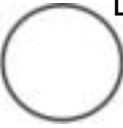
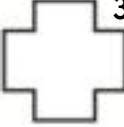
Our mailman brought our mail at 12:21 p.m. yesterday. Today he brought it at 2:05 p.m. How many minutes later was the mailman today?

Name: _____

Each row, column, and box must have the numbers 1 through 4. The first box is done.

2	1	3	
4	3		
3			
	4		

Each row, column, and box must have 4 different pictures.

	 1		 4
	 4		
		 3	

Name: _____

+			4	2	2
4	$\underline{4} + \underline{\quad}$	$\underline{4} + \underline{\quad}$	$\underline{4} + \underline{4}$	$\underline{4} + \underline{2}$	$\underline{4} + \underline{2}$
7	$\underline{7} + \underline{\quad}$	$\underline{7} + \underline{\quad}$	$\underline{7} + \underline{4}$	$\underline{7} + \underline{2}$	$\underline{7} + \underline{2}$
	$\underline{\quad} + \underline{\quad}$	$\underline{\quad} + \underline{\quad}$	$\underline{\quad} + \underline{4}$	$\underline{\quad} + \underline{2}$	$\underline{\quad} + \underline{2}$
1	$\underline{1} + \underline{\quad}$	$\underline{1} + \underline{\quad}$	$\underline{1} + \underline{4}$	$\underline{1} + \underline{2}$	$\underline{1} + \underline{2}$
7	$\underline{7} + \underline{\quad}$	$\underline{7} + \underline{\quad}$	$\underline{7} + \underline{4}$	$\underline{7} + \underline{2}$	$\underline{7} + \underline{2}$

ten more than 514	six hundred eighty-six	Complete each analogy with the best word. <div> <div>follow</div> <div>blue</div> <div>ground</div> <div>change</div> <div>yellow</div> <div>hope</div> <div>free</div> <div>cut</div> </div>
		sky : _____ :: grass : green
		teach is to learn as lead is to _____

What is the largest two-digit number you can make with the numbers 9, 2, and 7? _____	three hundred forty-nine	$\begin{array}{r} 80 \\ + 94 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ - 77 \\ \hline \end{array}$	ten less than 874
--	--------------------------	---	---	-------------------

word root **circum** can mean **around** **circumnavigate, circumvent**

Name: _____

Cross off the number that does NOT belong.

8, 4, 6, 7, 8, 4, 6, 4, 7, 8, 4, 6, 7, 8, 4, 6, 7, 8

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

34, 41, 48, 51, 55, 62, 69

Why does _____ not belong in the pattern?

Name: _____

Cross off the number that does NOT belong.

5, 7, 8, 9, 11, 13, 15

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

120, 130, 140, 150, 160, 161, 170

Why does _____ not belong in the pattern?

Name: _____

Draw a line from START to END.

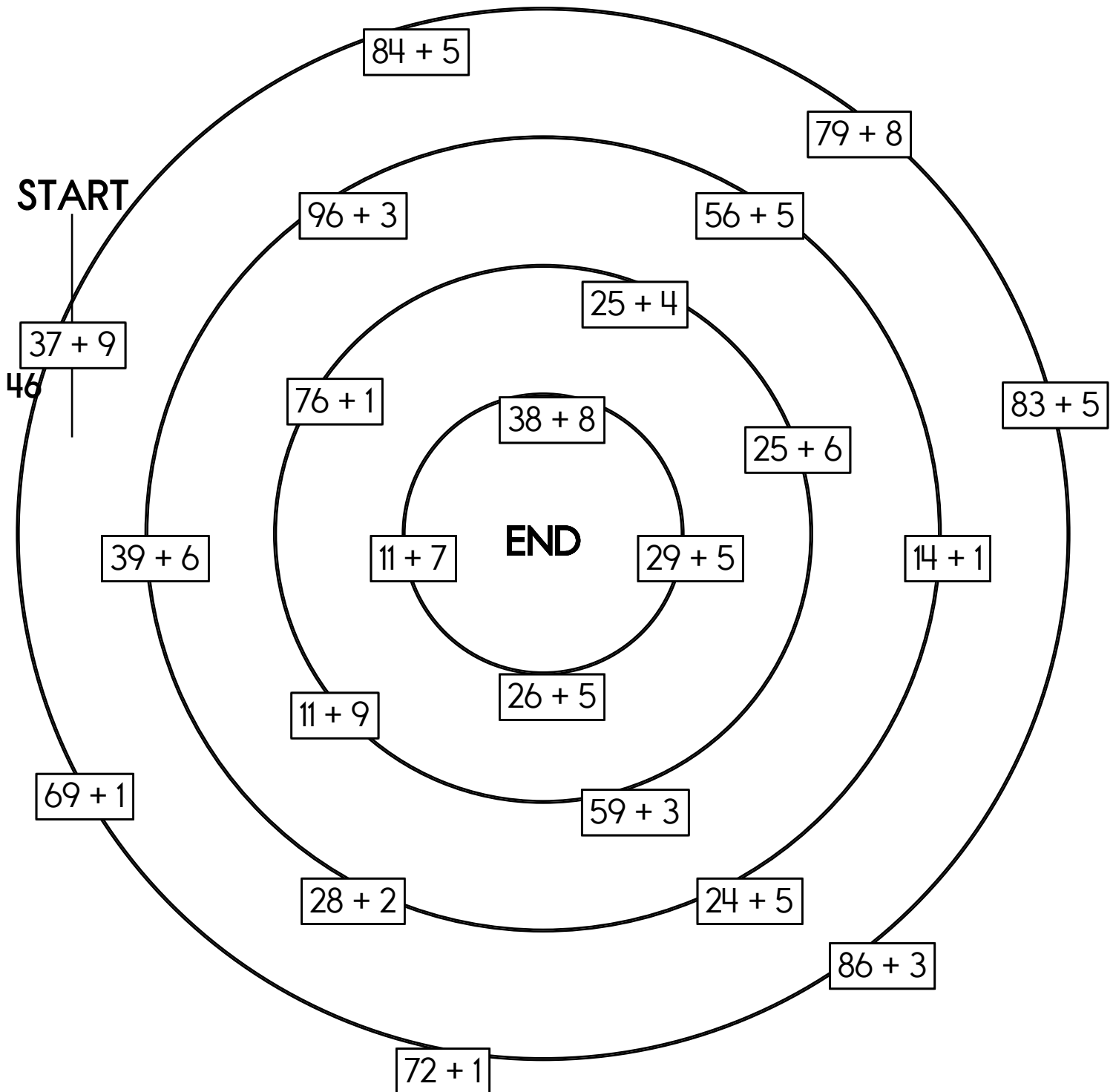
~~46~~

18

31

61

Cross out the number you use above and then write it below.





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