

MONTHLY MATH CHALLENGE

Homework

February



My Name: _____

Try to do 1 page
a day. You can
SKIP 2 pages.
Have fun.

- ☐ page 1
- ☐ page 2
- ☐ page 3
- ☐ page 4
- ☐ page 5
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- ☐ page 24
- ☐ page 25
- ☐ page 26

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?

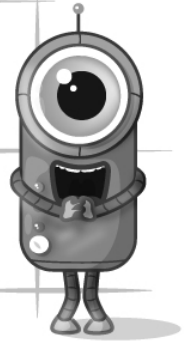


In a Row

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:

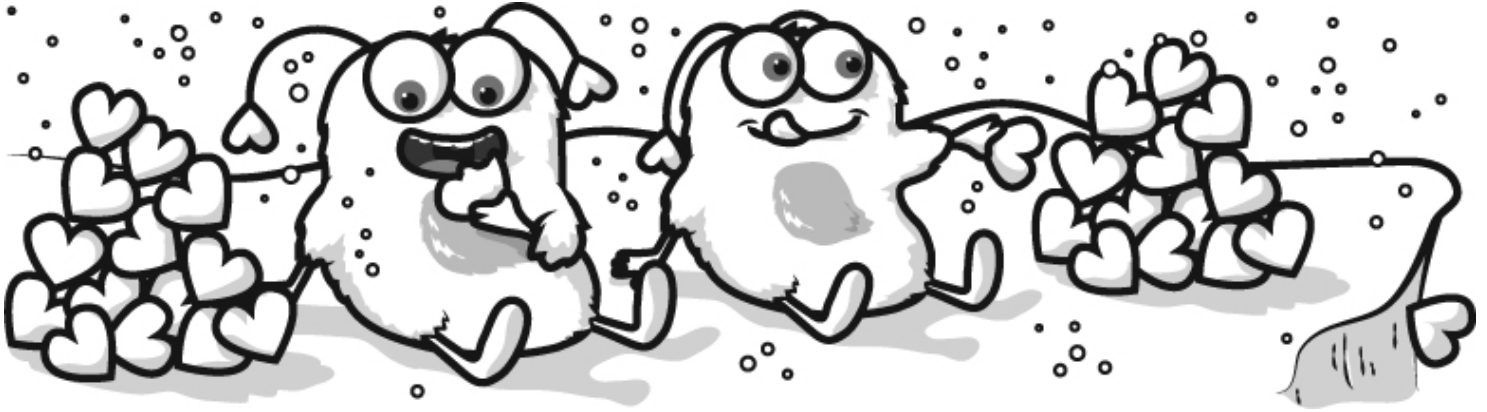
edHelper.com/math-games.htm

☐

I did page 2

☐I decided to skip this page
edHelper

Name: _____



Jill and Bill are tasting chocolate.

Sometimes they even taste snowflakes.

For every chocolate Bill tastes, he tastes 1 snowflake.

That means if Bill tastes 5 chocolates, he would taste 5 snowflakes.

Jill likes snowflakes. She likes them more than Bill!

For every chocolate Jill tastes, she tastes 2 snowflakes.

That means if Jill tastes 2 chocolates, she would taste 4 snowflakes.

Bill tasted 7 chocolates.

Jill tasted 4 chocolates.

Who tasted more snowflakes?

Show your work.

Draw a picture to show your answer.

☐

I did page 3

☐

I decided to skip this page
edHelper

Name: _____

Pat and Jan took a walk outside. Pat saw 5 shadows. Jan saw 7 shadows.

How many shadows did Pat and Jan see in all?

How many more shadows did Jan see than Pat?

Name: _____

Circle the time.



5:30 5:00 3:00

Brittany had twelve puppies. She sold seven. How many are left?



Subtraction Problem

Answer

Underline the number that shows the...

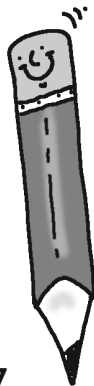
Thirty in 36

Fifty in 57

Two in 12

Seven in 47

Ninety in 94



Help Alex count by fives.

5, ____, ____,

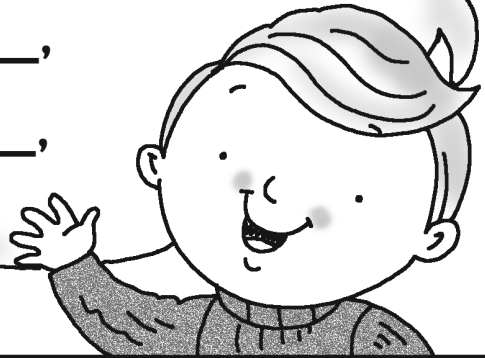
20, ____, 30, ____,

____, 45, ____, ____,

60, ____,

70, ____,

80



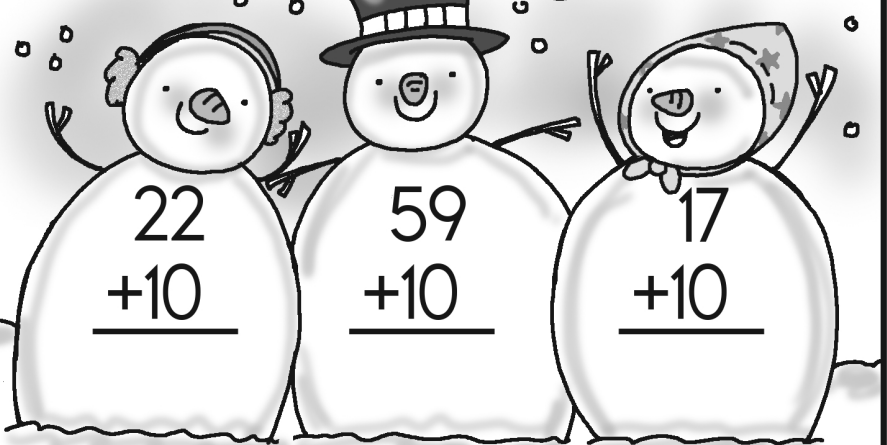
Write the numbers that come between.

55 ____ 57

13 ____ 15

69 ____ 71

Add.



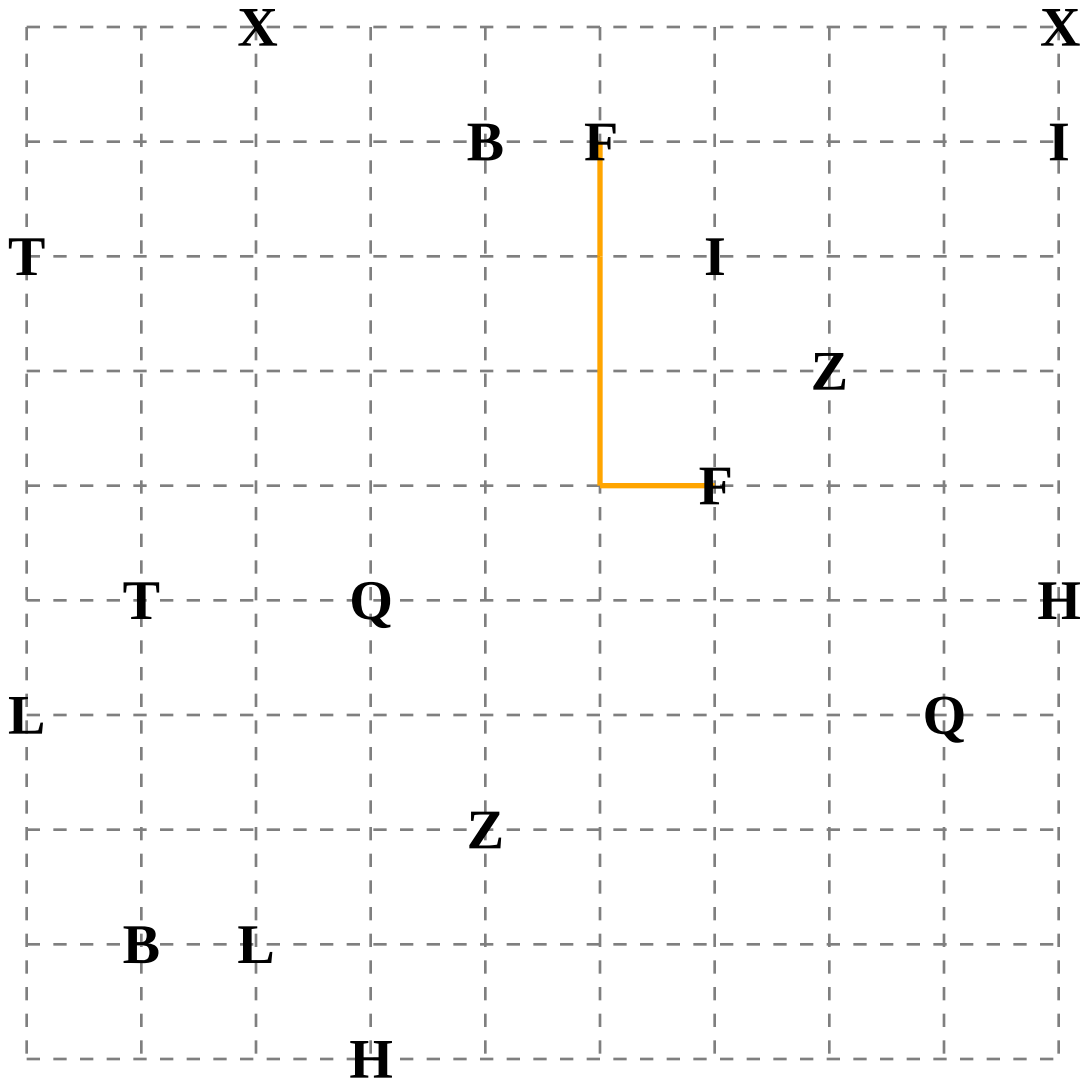
Name: _____

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.



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I did page 6

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

Ava wants a hamster. She already has 2 cats, 5 fish, and 1 dog.

"You have so many pets," says her sister. "Can I have your 2 stuffed birds?"

"Sure," says Ava. "But only if you tell me how many real animals I have?"

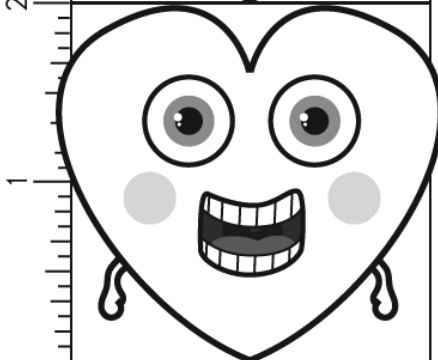
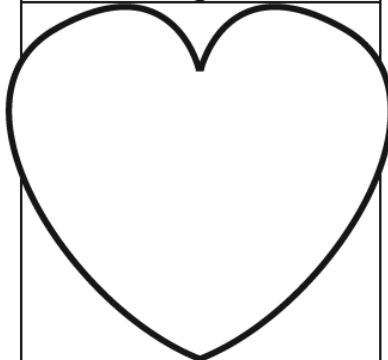
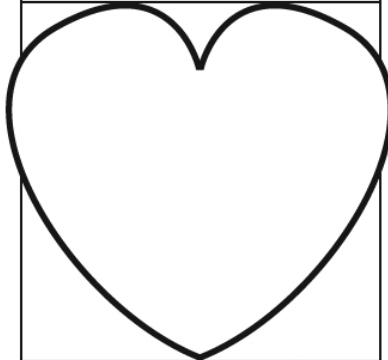
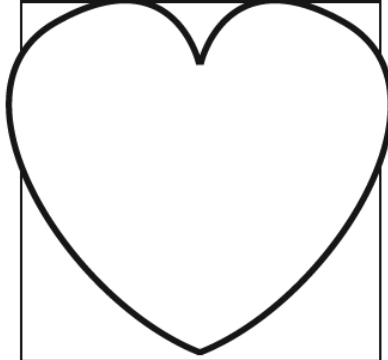
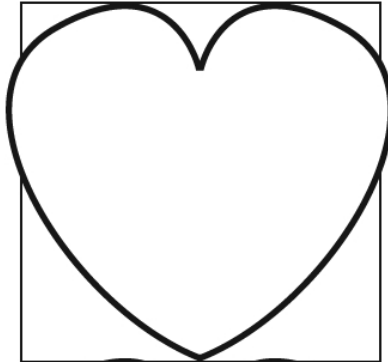
What do we know?

What do we want to know?

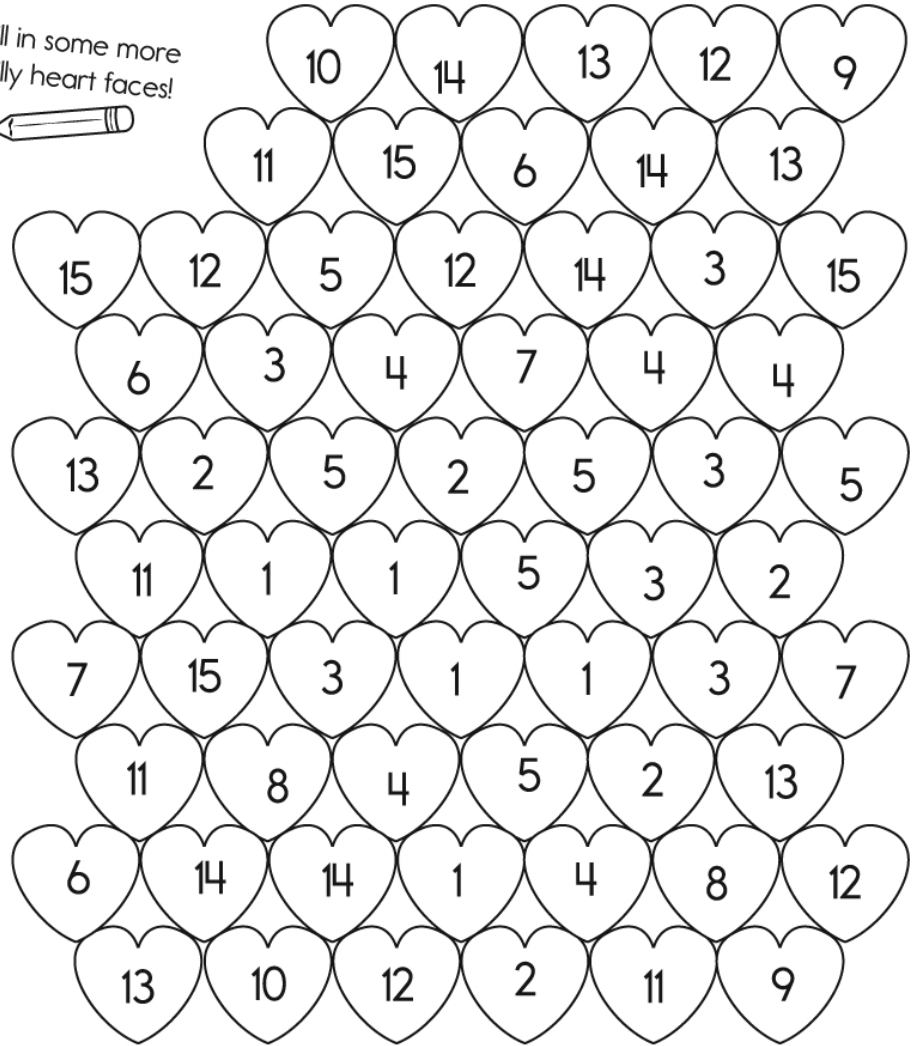
Show your work.

Did you look back to make sure your answer makes sense?

Name: _____

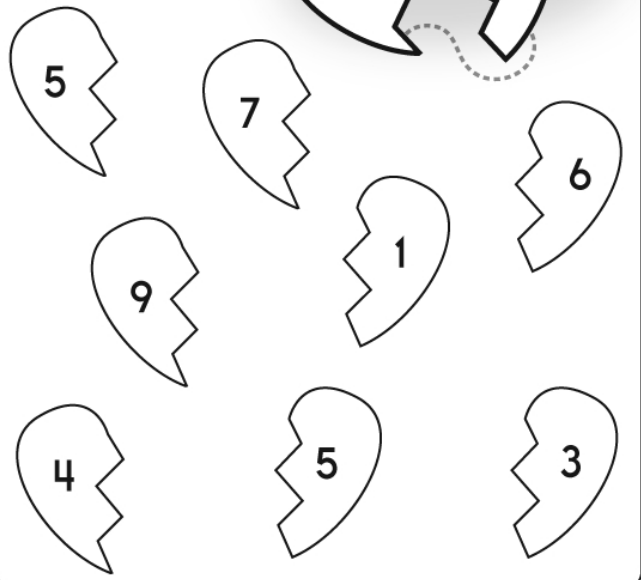
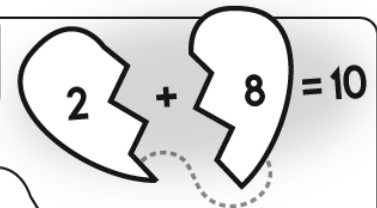


Fill in some more
silly heart faces!



Color 1-5 RED ♥ Color 6-10 PURPLE ♥ Color 11-15 BLUE

Connect the heart
pieces to equal 10.



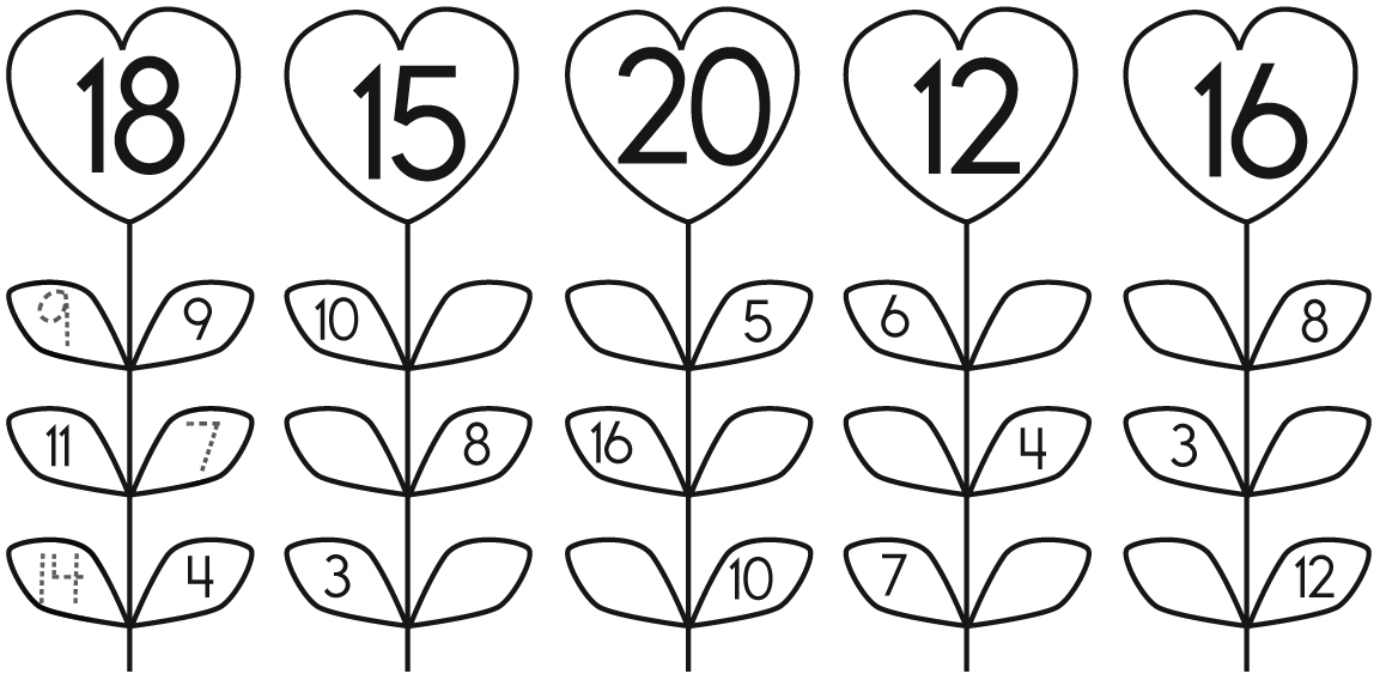
We're each
2" tall.

How tall is the
heart tower?

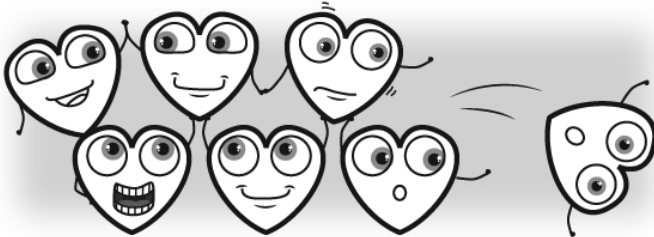
Name: _____

NUMBER BONDS

Fill in the missing numbers.

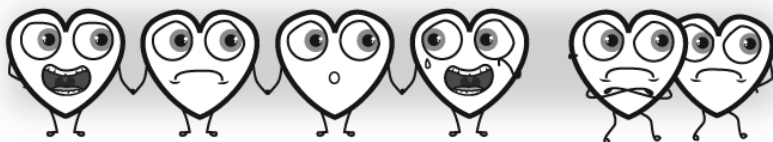


Match each picture to an equation, then solve it!



$$6-2= \square$$

$$3+3= \square$$



$$7-1= \square$$



$$3+2= \square$$

Put the Hearts

♥ in Order ♥

♥ ♥ 1-7 ♥ ♥



Name: _____

Two more than three is _____.

One more than _____ is eight.

_____ more than five is nine.

Hint: Finish the sentences by spelling the number.

If you add 5 to a secret number, the answer is 6.

What is the secret number?

5 more than 3 is _____.

3 more than _____ is 9.

_____ more than 4 is 10.

If you add 4 to a secret number, the answer is 8.

What is the secret number?

Alex and Jenna got a new video game and can't stop playing each other. It is so much fun! So far today they have played eight games against each other. Most of the games were close, but Jenna has won more games than Alex.

How many games do you think Alex and Jenna each won?

Hint: There is more than one correct answer.

Hannah is the school bus driver and has three stops. She picks up 3 kids at her first stop and 2 kids at her second stop. If everyone is going to school and she picks up 9 kids every school day, how many kids will she pick up at her last stop?

_____ kids

Name: _____

A walrus can weigh 1,013 pounds. That's heavy!

Billy loves animals. "I can top that. A narwal can weigh 1,250 pounds. Narwals are the best."

"Oh," says Pam. "A yak can weigh 667 pounds, and a moose can weigh 386 pounds!"

Which of these animals weighs the most?

A white rhino is 6 feet tall.

An African bush elephant can be 11 feet tall.

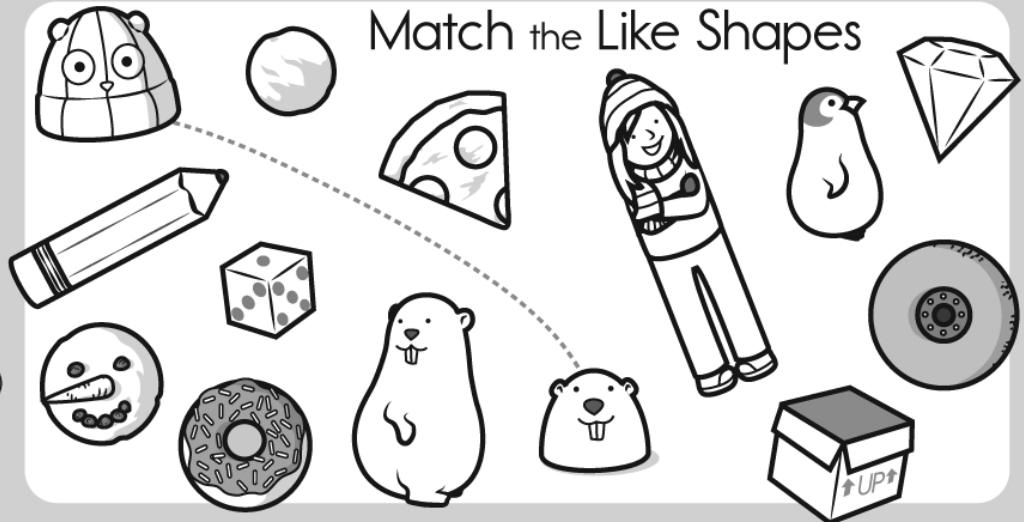
How much taller is the elephant?

Name: _____

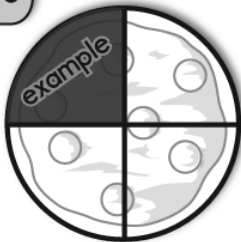
Groundhog
loves
geometry!

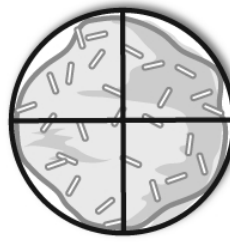
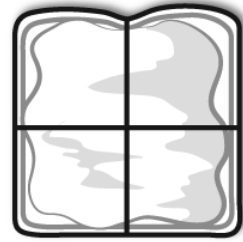


Match the Like Shapes



Shade the Shapes

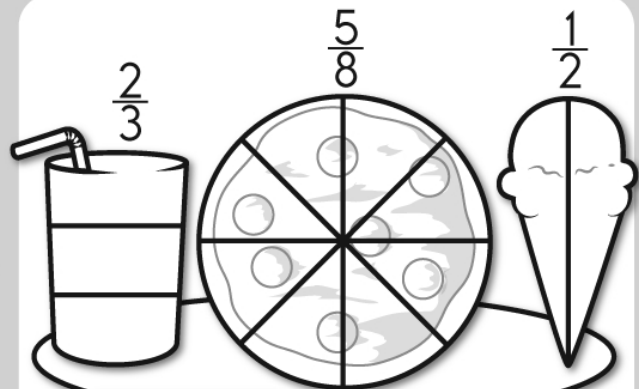

$$\frac{1}{4}$$

$$\frac{2}{4}$$

$$\frac{3}{4}$$

$$\frac{4}{4}$$


-sphere-	octagon	cylinder
trapezoid	pyramid	prism
oval	cone	rhombus



sphere



Yum!
Shade each item
according to the
fractions.



☐

I did page 12

☐I decided to skip this page
edHelper

Name: _____

Eric bought 4 ice cream sodas. He gave 3 sodas to his brother. How many sodas are left?

Ms. Johnson has 5 cookie cutters. Anne gave her 2 more cutters. How many cookie cutters does Ms. Johnson have in all?

There were 12 puzzles on the shelf. Steve took 8 of them. How many puzzles were left?

How many nickels do you need if you want to have exactly 30 cents?

9, 11, 13, 15, _____, 19

Circle the third number.

F, B, 3, 3, F, 1, B, 4, 3, A,
D, 2, B, 7, F, 4, 9, B, B

Mary finds 8 seashells. Wendy finds 9 more shells. How many shells do they find in all?

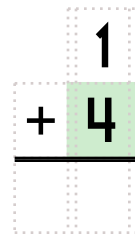
Justin walked 2 blocks to the store. He bought some socks. He walked 5 blocks to his grandmother's house. He walked 3 blocks home. How far did he walk in all?

Hannah ate 7 carrots. Then she ate 3 more carrots. How many carrots did she eat in all?

27, _____, _____, 30, _____, 32,

$$21 + 321 = 342$$

Using the commutative property of addition, what do you think $321 + 21$ is?


$$\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$$

Name: _____

Mr. Smith had a bag of 9 red apples. He gave some apples away. He had 3 left. How many apples did Mr. Smith give away?

Jacob walked 12 blocks to the pool. Emily walked 2 blocks to the pool. How many more blocks did Jacob walk?

Jenna has four red jellybeans. She has eight green jellybeans. She has seven yellow jellybeans. She has five black jellybeans. How many jellybeans does she have in all?

Double three.

Circle the fourth letter.

F, B, 1, 4, 3, A, 7, D, B, 6,
F, 1, 5, B, D, D, 1

What is ten more than 54?

David picked up 11 old cans. Gavin picked up 3 old cans. How many more cans did David pick up?

Eric has a garden. He grows peas, corn, beans, and peppers in the garden. He has six rows of peas, five rows of corn, three rows of beans, and three rows of peppers. How many rows of vegetables does Eric have in all?

Jason wears blue socks. He had 10 blue socks. He lost two. How many socks are left?

F, H, _____, L, N, P, R,
T, V, X, Z

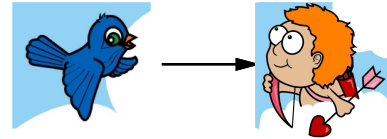
$$16 - \underline{\quad} = 12$$

Circle all the ways to make 4.

4 + 2 3 + 1 2 + 2
1 + 4 3 + 3 2 + 3
1 + 2 1 + 1

Name: _____

Help the bird fly to Cupid. Color the boxes with odd sums to make a path.



	$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$		$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$
$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$
$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$		$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$	

☐

I did page 15

☐

I decided to skip this page
edHelper

Name: _____

Emma is at the movie theater. But she is not seeing a movie yet. She is waiting for popcorn.

Emma is 3rd in line. She looked behind and saw 2 people waiting.

How many people are in line? Draw a picture and show where she is in the line.

Emma thinks it takes about 2 minutes to serve each person.

How many people are in front of her again?

Then how long will she have to wait until it is her turn?

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!**

A B

C D

<u>E</u>	<u>F</u>
1	1
1	2
1	3
1	4
1	5
1	6
1	7
1	8
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1	171
1	172
1	173
1	174
1	175
1	176
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1	179
1	180
1	181

$$\overline{G} \quad \overline{H}$$

_____ - _____ n _____

9 after 12

Name: _____

Holly has a younger brother. His name is Billy, and he is 5 years old.
Billy has an older sister. Her name is Sally, and she is 13 years old.
How is Billy related to Holly?

Billy is 3 years younger than Holly.
Sally is 5 years older than Holly.
How old is Holly?

Would you believe they also have a dog?
They got the dog before Billy was born, but after Holly was born.
Oh, the dog's name is Boo.
Sally remembers asking for Boo 6 years ago.
How old is Boo?

☐

I did page 18

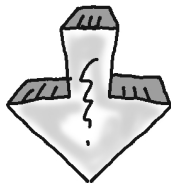
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Name: _____

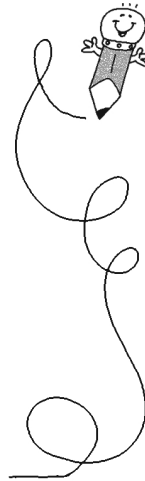


Addi made eleven valentines. She gave six to friends. How many valentines are left?

Show the subtraction problem you used to find the answer.



Write in the tens place.



$$\text{twenty-four} = \underline{\quad}4$$

$$\text{sixteen} = \underline{\quad}6$$

$$\text{ninety} = \underline{\quad}0$$

$$\text{forty-eight} = \underline{\quad}8$$

What time is shown?



_____:



_____:

Draw a line through the incorrect problem.

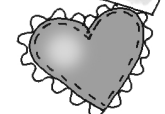
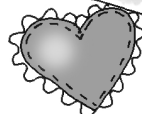


$$9 + 0 < 7 + 1$$

$$6 + 2 > 4 + 3$$

$$8 + 2 > 5 + 4$$

$$4 + 1 = 3 + 2$$



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.

$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

Name: _____

Megan made five apple pies. Emma made three cherry pies. Wendy made one pumpkin pie. How many pies did they make in all?

Amanda liked to hike. She liked to look at the flowers. She liked to count the birds. Today she saw seven bluebirds on her hike. She saw eleven robins. She saw three blue jays. How many birds did Amanda see in all?

Seven boys are making ice cream. Four more boys come to help them. How many boys in all are making ice cream?

Name: _____

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.

2	3		3
4	1		1
3	2		2
1	4		4

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

3 1 4 2

		4	1
		2	3
1	4	1	4
3	2	3	2

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

1 3 2 4

2	1	2	1
3			4
	2	1	2
3	4	3	

Hint - These numbers are missing:

4 4 1 3

	2	3	1
3	1	4	
	2	3	1
3	1	4	

Hint - These numbers are missing:

4 4 2 2

Name: _____

Fill in the missing numbers.

1	2	1	3
4		4	
1			3

Hint - These numbers are missing:

3 2 2 1

1		1	3
4	3	4	
1	2		

Hint - These numbers are missing:

3 2 2 1

1	4		3	1
	3		4	
1		1	3	1

Hint - These numbers are missing:

2 2 1 4 2

1	2	1	4	1
3			2	
	2	1		1

Hint - These numbers are missing:

1 3 3 4 4

	1	1
+		6

16, _____, 48, 64, 80,
96, 112

38, 39, _____, _____,
_____, 44

RAN A V W A R A N R S I A X R R I N N A A F C R

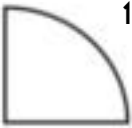
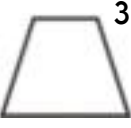
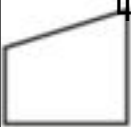
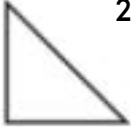
KEEP E M Z P S E K E P P E E P E V P K K E E P K

Name: _____

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

2	1	3	
4	3		1
3			

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

	 1	 3	
 4			 2

Name: _____

When Connor went to the zoo he saw three hippos and five zebras. How many animals did Connor see?

Anne had 10 pieces of licorice. She ate 4 pieces. How many pieces were left?

Djora lives in Turkmenistan. His father raises horses. He has 7 black horses. He has 10 brown horses. How many horses does he have in all?

Circle all the ways to make 10.

7 + 3	1 + 7	5 + 5
9 + 1	10 + 2	6 + 4
8 + 2	8 + 3	5 + 3

$$27 + \underline{\quad} = 37$$

94, _____, _____, _____,
_____, _____, 100

Jacob blew four bubbles. Jason blew nine bubbles. How many bubbles did they blow in all?

Connor has 5 red candles. Adam has 3 white candles. Amanda has 2 green candles. How many candles in all do they have?

On Monday Miss Miller made four ice cream sodas. On Tuesday she made seven ice cream sodas. How many did she make in all?

$$8 + 3 = \underline{\quad}$$

$$9 + 3 = \underline{\quad}$$

	8
-	7

What is ten less than 78?

Name: _____

Max made a pattern. He used pins and needles. See if you can finish his pattern: 1 pin, 2 needles, 3 pins, 4 _____.

David had 7 shirts. His mother bought him some new shirts for school. Now he has 10 shirts. How many shirts did his mother buy?

Peter's dog had six puppies. He gave his best friend a puppy. He gave his teacher a puppy. He gave his aunt two puppies. How many puppies did he have left?

$$7 + 7 + 2 = \underline{\quad}$$

$$7 + 7 + 3 = \underline{\quad}$$

10, 12, 14, 16, 18, 20,
_____, 24, 26, 28

Double three.

It is very hot today. Jack drank six cups of water. Eric drank two cups of tea. Jacob drank five cups of water. Gavin drank three cups of water. How many cups of water did the boys drink?

Eric has 20 cousins. Some of them are second cousins. It is a very big family. What digit is in the ones place?

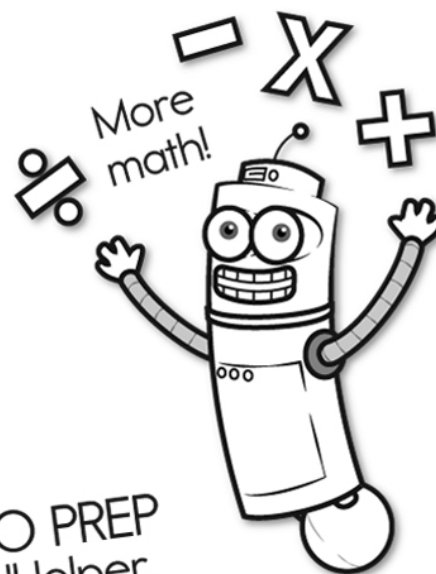
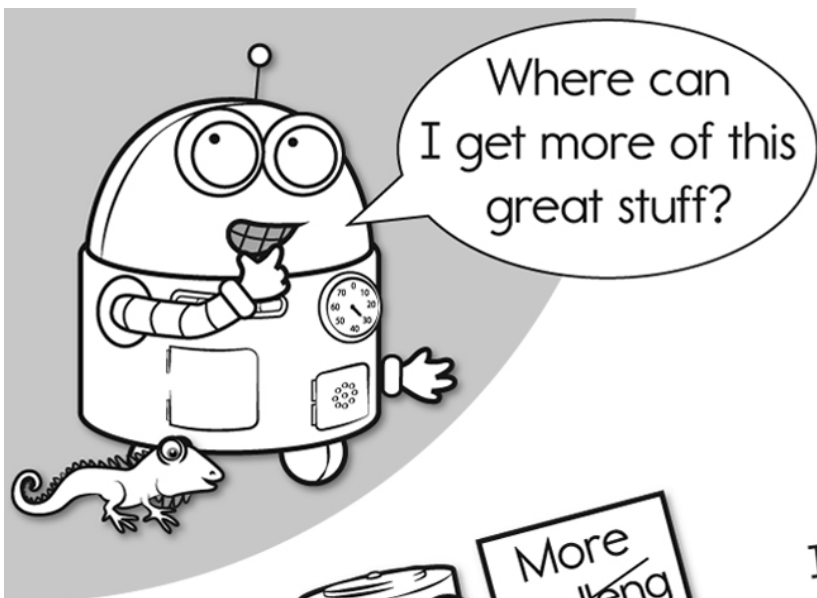
Kayla saw 14 birds in the tree. Eight flew away. How many birds were left in the tree?

$$7 + 7 + 2 = \underline{\quad}$$

$$7 + 7 + 3 = \underline{\quad}$$

What is ten less than 55?

What is ten more than 67?

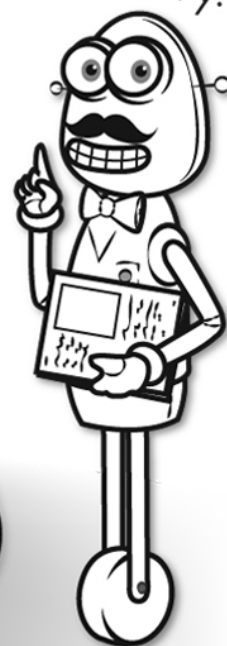


It's NO PREP at edHelper.

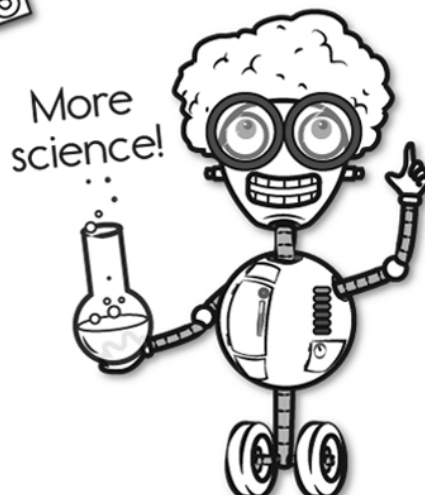
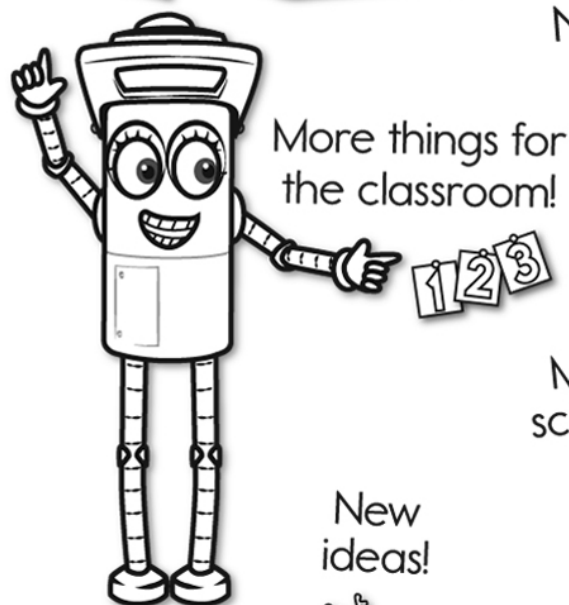
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