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
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- ☐ page 33
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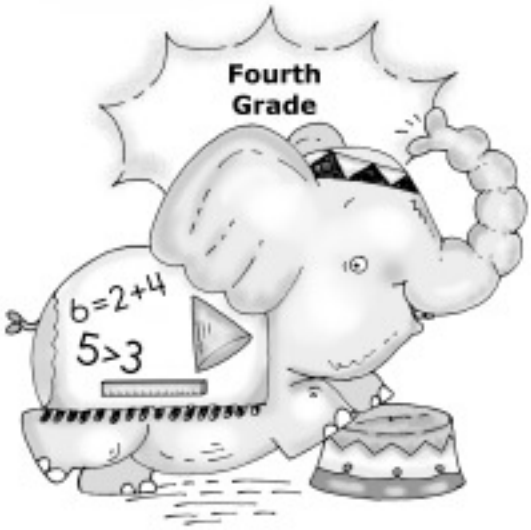
- ☐ page 35
- ☐ page 36
- ☐ page 37

Find a helper.

He/she helped by checking my work.



Hand in by February 28.

Feel free to hand in early!

☐ I did page 1

Name: _____

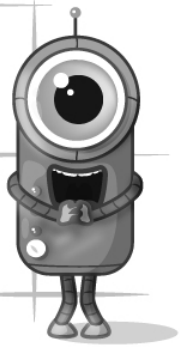
Can you get **three** in a row?

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?

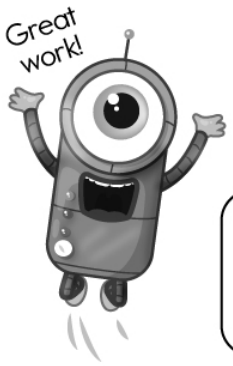
_____

_____

_____

Rate your performance!

☆ ☆ ☆ ☆ ☆



End of month score:

edHelper.com/math-games.htm

Name: _____

February is a great time to make boxes of chocolate. Just ask Justine the baker. "Yeah, ask me!"
...
"Um. I'm waiting. I make the best boxes of chocolate in town. Today I sold over 64 boxes! February is just perfect for chocolate."
When Justine is not bragging, she is baking. Today, she made... "Wait! Wait! Let me tell them! I made 1,290 pieces of chocolate. I put them into boxes, and I had no chocolate left over. Wow, huh?"
Justine always puts the same number of chocolates into all of her chocolate boxes. "I'll give you a hint. It's a 2-digit number and a multiple of 3."
How many chocolates does she put into each box?

Show your work.

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 3 six-packs of each beverage. If each student is going to have an equal number of drinks, how many drinks can they each have?

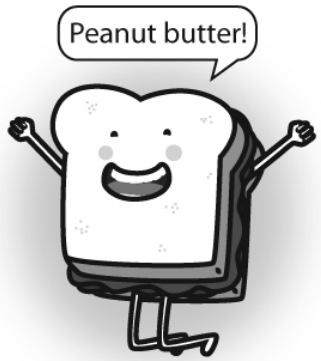
Show your work.

☐ I did page 4 ☐ I decided to skip this page

edHelper

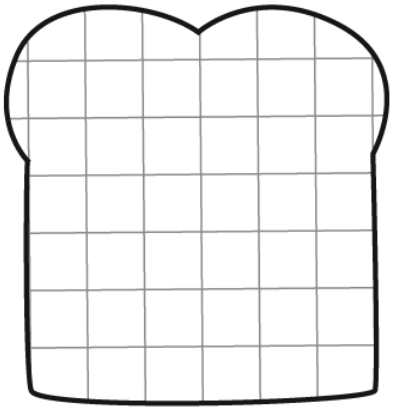
Name: _____

Estimating Area

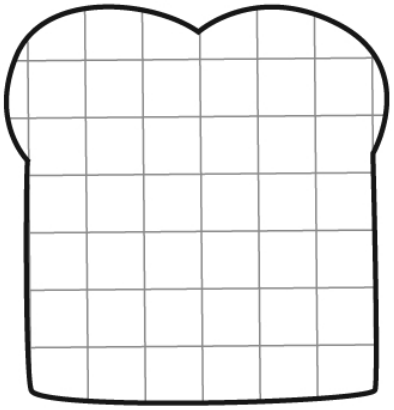


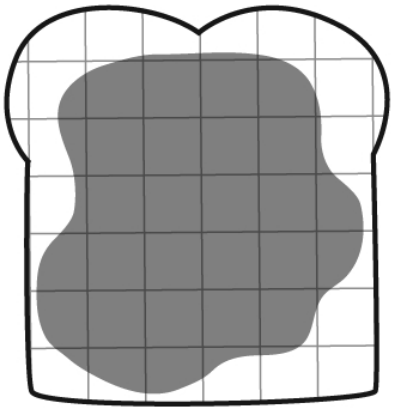
1 square = 1^2 cm

Butter 18 cm^2 of the bread.



Butter 13 cm^2 of the bread.

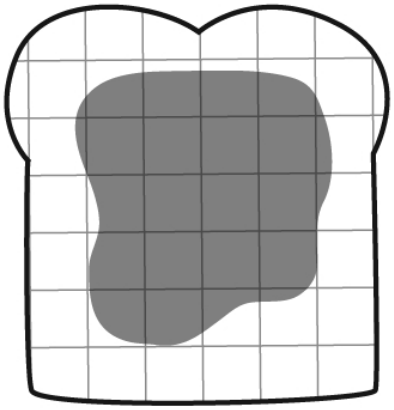




☐ completely buttered squares

\+ ☐ more than half buttered squares

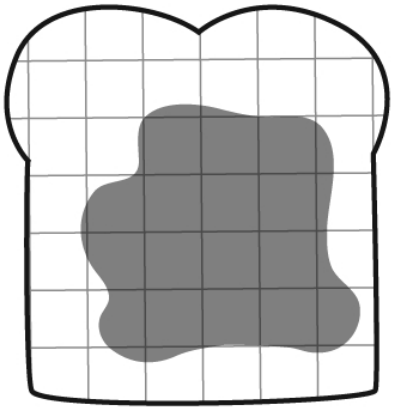
☐ cm^2



☐ completely buttered squares

\+ ☐ more than half buttered squares

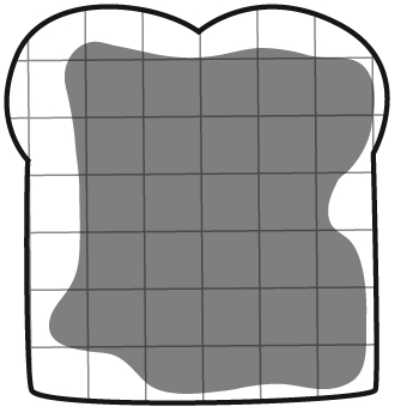
☐ cm^2



☐ completely buttered squares

\+ ☐ more than half buttered squares

☐ cm^2



☐ completely buttered squares

\+ ☐ more than half buttered squares

☐ cm^2

Name: _____

Robert's favorite player is number 44 - 16. "What's your favorite player?" Robert asks Eric. "My favorite player's jersey has a number that is 3 less than your favorite player," Eric replies.

What number is on the jersey of Robert and Eric's favorite players?

It's Saturday, and Jenna only has one thing to do today, walk Jack. Jenna woke up at 10:47 in the morning, and immediately went for a walk with him. While she went for this first walk of the day, Jenna set an alarm on her phone to remind her to walk Jack every four-and-a-half hours. And that's exactly what she did! At 10 p.m. Jenna fell asleep. How many walks did Jack get?

Robert is bored, so he decides to start coloring the outside sidewalk. Would you believe every 15 minutes he goes through 14 pieces of chalk. That's a lot of chalk! After 2 hours his arms are so tired he quits. How much chalk did Robert use?

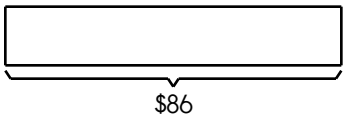
Name: _____

Amanda's class raised $75 in their bake sale. Hannah is in a different class. Hannah's class raised $33 more than Amanda's class.
How much did Hannah's class raise?
Draw a bar model and figure out the answer.

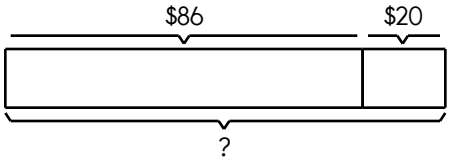
Don't forget to draw a bar model and show how it helps find the answer.

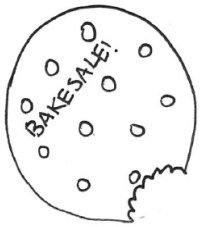
Rosa's class raised $86 in their bake sale. Erin is in a different class. Erin's class raised $20 more than Rosa's class.
How much did Erin's class raise?

Rosa's class



Erin's class:





Erin's class raised $ _____ .

Connor spent $124 at the grocery store and $24 at the arcade. How much did Connor spend altogether?

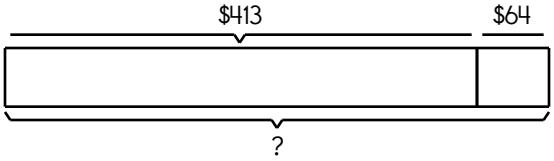
_____ ◯ _____ = _____

A total of 133 tickets were sold to the school play, but only 27 actually showed up to watch the play. How many people bought a ticket but did not see the play?

_____ ◯ _____ = _____

_____ people

Jessica wants to buy a new phone that costs $515. She has $413 in savings and expects to earn about $64 this month from her babysitting job. Will she have enough money to buy the phone?



Emma's soccer team has a $650 fund to use for tournaments. The first tournament they will do costs $315. How much will they have left to use for the rest of the season?

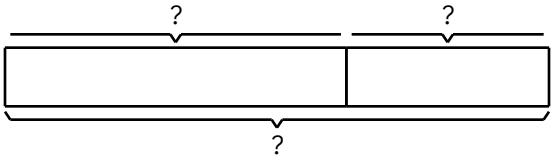
_____ ◯ _____ = _____

Name: _____

April is in charge of printing the school's newsletter. She printed a total of 752 before her printer ran out of ink. After adding ink, she printed another 765 copies. How many copies of the newsletter did she print?

_____ ◯ _____ = _____

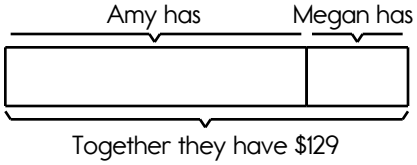
April has 797 points in a game.
Peter has 499 fewer points than April.
How many points does Peter have?
Add numbers to the bar model then fill in the blank.

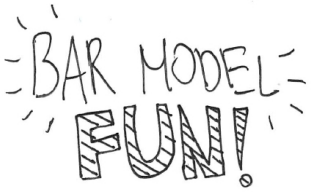


Peter has _____ points.

Amy and Megan went to to the mall. Together they have $129. Amy has more money than Megan. If you really need to know, then I will tell you that Amy has $63 more than Megan. OK, genius, how much money does Megan have?

Amy and Megan's total money:



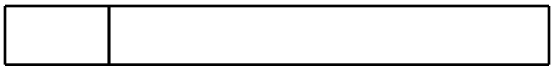


Amy has _____ and Megan has _____

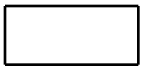
_____ ◯ _____ = _____

Mary's soccer team is collecting old soccer jerseys to donate to kids in need.
Mary collected the most jerseys. In fact, she collected 25 more than Amanda.
Amanda collected the fewest jerseys. She collected 2 fewer than Hunter.
If Hunter collected a total of 8 jerseys, how many jerseys did the three kids collect in all?

Mary



Amanda



Hunter

Mary collected _____ jerseys. Amanda collected

_____ jerseys. Hunter collected 8 jerseys.

They collected a total of _____ jerseys.

Sarah's Chocolate is world famous. At their factory they normally make 6,334 pieces of candy a day. But today one of the machines broke, and they made 1,211 less than they usually do. How many pieces of Sarah's Chocolate did the factory make today?

_____ ◯ _____ = _____

Name: _____

Robert loves art. He doesn't like to draw or paint. He likes to tape stuff together, and he LOVES to use scissors.

"I am what's known as an artissor. It's a fine distinction that is much preferred over mere artists," Robert says to try to annoy Holly.

"That's not a thing! I'm telling," cries Holly.

Miss Keknew couldn't help herself. "Yes, that's not really a real thing."

"It is!" Robert said, as he cut and made 18 squares of paper. Each piece was so tiny. It had only 1 cm on each side.

"I will now make a rectangle by arranging these pieces of paper together, without overlapping. But not just any rectangle; this will be the biggest possible rectangle by perimeter that is possible using these 18 pieces of paper."

If Robert does what he says, what is the perimeter of the rectangle he makes?

By the way, if you showed a picture of it, that would be cool, too!

☐ I did page 9 ☐ I decided to skip this page

edHelper

Name: _____

ICE CUBE CRUSH

Directions: Solve the multiplication problems below and shade the ice cube that contains the correct answer. The goal of the game is to shade all of the ice cubes.

5 x 6 =_____	6 x 10 =_____	7 x 4 =_____
9 x 7 =_____	3 x 9 =_____	6 x 8 =_____
3 x 3 =_____	7 x 7 =_____	8 x 2 =_____
9 x 4 =_____	2 x 9 =_____	7 x 8 =_____
5 x 3 =_____	9 x 9 =_____	5 x 8 =_____
6 x 7 =_____	8 x 4 =_____	11 x 5 =_____
12 x 6 =_____	4 x 5 =_____	1 x 22 =_____
5 x 5 =_____	11 x 8 =_____	12 x 2 =_____
7 x 5 =_____	4 x 13 =_____	2 x 2 =_____
2 x 5 =_____	8 x 8 =_____	4 x 3 =_____

18	25	56	20	9
64	63	4	40	32
24	52	22	48	60
10	81	16	12	72
36	42	27	35	88
49	55	28	15	30

15 x 5 =_____	2 x 13 =_____	2 x 3 =_____
14 x 7 =_____	7 x 4 =_____	6 x 2 =_____
7 x 2 =_____	17 x 2 =_____	16 x 6 =_____
11 x 3 =_____	3 x 13 =_____	9 x 8 =_____
6 x 13 =_____	2 x 22 =_____	31 x 3 =_____
15 x 1 =_____	25 x 2 =_____	13 x 7 =_____
3 x 7 =_____	9 x 6 =_____	3 x 26 =_____
18 x 0 =_____	5 x 13 =_____	35 x 2 =_____
15 x 6 =_____	20 x 4 =_____	27 x 3 =_____
12 x 7 =_____	2 x 37 =_____	4 x 23 =_____

44	26	72	84	92
98	74	80	50	91
12	65	0	6	90
78	54	81	75	96
34	14	15	78	28
39	70	21	93	33

☐ I did page 10 ☐ I decided to skip this page

edHelper

Name: _____

Use any of these digits. Cross off a digit after you use it.

0 6 8 1 3 9 7 4

What is the largest 4-digit odd number that you can make?

I am a 4-digit number greater than 7,000. My ones digit and hundreds digit are the same.

Write any number that fits this.

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

9 6 7

Make a subtraction equation. The difference between your numbers should be 3.

____ - ____ = 3

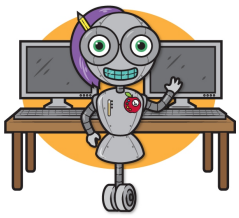
Name: _____

Mrs. Ragnar's class is having a Valentine's Day Party. Each child must bring a valentine for every other child in the class. There are 28 children in the class.
Mason wanted to make sure that he would have enough valentines for everyone in the class even if he accidentally dropped two in someone's box by mistake, so he brought 32 cards to class. His valentines cost $0.68 each. How much more did Mason spend on valentines than Mia, who brought the same cards as Mason, but only brought enough valentines for everyone else in the class?

A version of Black History Month was first celebrated in the United States in 1926. Canada first began to recognize February as Black History Month in 1979. The United Kingdom first celebrated Black History Month in 1987.
How many years ago was Black History Month first celebrated in the United States?

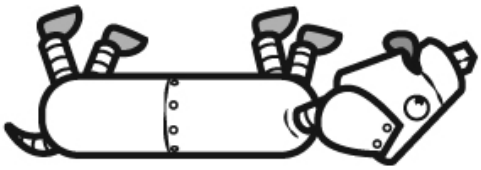
Ava and Liam are both enjoying Mardi Gras celebrations with their families in New Orleans. Ava is going to a total of three parades whose routes are, respectively, 3.2 miles, 4.8 miles, and 2.6 miles. Liam is going to four parades whose routes are, respectively, 3.2 miles, 2.1 miles, 1.4 miles, and 3.1 miles.
How many more miles of parade is Ava going to see than Liam?

Name: _____



Miss Meena is your new math teacher. And she is a robot! She doesn't talk. Do you know how she teaches her class?

Miss Meena typed:	The computer replied:
x = 5 print ("What is x?") print (x)	What is x? 5
x = 63 print ("What is x?") print (x)	_____ __ __ __
x = 5 y = 6 print ("What is x + y?") Answer = x + y print (Answer)	_____ __ _ _ __ __



Can you read that? That is how Miss Meena teaches. Shes codes computer programs. Did you guess correctly what the computer replied with? Don't ask robot dog!

word root **arm** can mean **weapon** **armor, armory**

Name: _____

Can you figure these out?

```
x = 523
y = 90
print ("What is y?")

print (y)
```

```
x = 10
y = 10
print ("What is x + y?")

Answer = x + y
print (Answer)
```

_____ __ __ __ __

__

```
x = 37
y = 69
print ("What is y - x?")

Answer = y - x
print (Answer)
```

_____ __ __ __ __

__

```
  2.57
+ 7.73
------
```

Find the difference between 24.9 and 4.6.

Find the difference between 24.2 and 3.4.

Name: _____

Do you know how to code multiplication? It's fun!

Miss Meena typed: **The computer replied:**

```
x = 18
y = 8
print ( "What is x times y?" )
answer = x * y
print ( answer )
```

_____ __ __ _____ __

___

```
x = 11
y = 4
print ( "What is x times y?" )
answer = x * y
print ( answer )
```

```
x = 9
y = 4
Can1 = x * y
Can2 = 5
Beans = Can1 + Can2
print ( "I have ", Beans," beans!" )
```

_ _____ __ _____

```
RectLength = 7
RectWidth = 4
Perimeter = (2 * RectLength) + (2 * RectWidth)
print ("The perimeter is ", Perimeter, ".")
```

___ _____

__ __ _

Write the reciprocal.
18

Write the reciprocal.

$\frac{6}{1}$

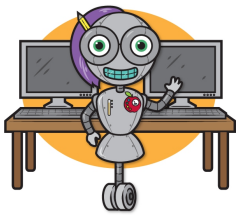
Write the reciprocal.

$\frac{8}{9}$

☐ I did page 15 ☐ I decided to skip this page

edHelper

Name: _____



Miss Meena is mad. Multiplication is too easy. She made something up. She calls it puddytraction!

```
x = 17
x = x + 5
print ( x )
```

22

```
x = 17
x = x + 3
print ( x )
```

__ __

```
x = 14
x = x + 5
print ( x )
```

```
Apples = 15
BugAte = Apples - 4
print ("The bugs ate ",BugAte," apples.")
```

___ ____ ___ __

_____

```
Apples = 18
BugAte = Apples - 5
print ("How many apples left?")
Answer = Apples - BugAte

print (Answer)
```

___ ____ _____

_____

__

____ ÷ 3 = 12

Rosa has $47. She wants to buy something that costs $98. How much more does she need?

Write the greatest possible 4-digit number without repeating any numbers.

Name: _____

Our class bought balloons for the first grade students on Mirth Day. We bought 16 red balloons, 13 green balloons, 9 blue balloons, and 14 yellow balloons. How many balloons did we buy in all?

Peter's father once won an election he didn't even enter! When the 247 students voted for class president, 175 of them decided to vote for Peter's father. How many people didn't vote for Peter's father?

Max was in charge of making posters for Youth Against Violence Day. He was given $25 to spend on supplies. He spent $10.53 for poster board and $6.71 for paints. How much money did he have left?

Find the product of 9 and 3.

How much greater is 172 than 34?

Is 41 a composite or a prime number?

Mary and Jenna are playing a game they made for Hunt for Happiness Week. To move her token, Mary must use two spinners. One has red, blue, and yellow spaces. The other has spaces numbered 1, 2, and 3. How many possible outcomes are there?

April likes to read. She is reading a book about President Lincoln. She reads 14 pages in an hour. Based on this rate, how many pages does she read in 5 hours?

Our club marched in the Canada Day parade. We marched in 7 rows. Each row had 6 children in it. How many children from our club marched?

Name: _____

Justin has a bag of jellybeans. There are 8 red jellybeans, 17 green jellybeans, 12 yellow jellybeans, and 4 black jellybeans in the bag. If he takes one jellybean out without looking, he is most likely to get a _____ jellybean.

Forty people came to help clean up the riverbank. They worked for almost six hours. When they finished, each person had picked up 15 bags of litter! How many bags of litter did the people pick up?

A maple tree grows about 11 inches per year. If the maple tree in David's yard is 30 inches tall now, how tall will it be in 2 years?

How many total legs are on 4 zebras and 5 ants?

Is 488 closer to 400 or 500?

10 x 8 - 1 + 2

Emily was bored. She asked her mother if she could make cookies. Her mother agreed, so Emily got busy. She made 2 dozen oatmeal cookies and 14 chocolate chip cookies. How many cookies did she make in all?

Connor made a small quilt for his new baby brother. His mother gave him 94 blue fabric squares and 94 yellow fabric squares. Connor's quilt was 7 squares wide and 14 squares long. How many fabric squares did he have left when he finished the quilt?

Ava spends $1\frac{2}{3}$ hours each day working on her homework. How many hours does she work on homework in 10 days?

Name: _____

Today is Monday. Amy has basketball practice every Monday and Thursday until the end of March.
There are only 45 days until the end of March.
How many more days of basketball practice will she have?

Show your work.

☐ I did page 19 ☐ I decided to skip this page

edHelper

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.

One set of sums has been done for you.

		sum of 6 ↓	sum of 9 ↓		sum of 8 ↓		
sum of 8 →						sum of 10 ↓	sum of 12 ↓
sum of 6 ↓	sum of 4 →			sum of 10 →			
	sum of 7 →						
	sum of 8 ↓	sum of 7 ↓			sum of 6 ↓	sum of 3 ↓	
sum of 9 →							
sum of 9 →	3	2	4	sum of 9 →			
			sum of 3 →				

sum of 7 ↓			sum of 5 ↓	sum of 7 →			
		sum of 9 →				sum of 7 ↓	
	sum of 5 ↓	sum of 6 ↓			sum of 8 ↓	1	sum of 10 ↓
				sum of 5 →		1	
				sum of 9 →		5	
sum of 6 ↓			sum of 10 ↓				
	sum of 10 →			sum of 7 →			

Fill in the blanks with these numbers:
8, 2, 2

$$\begin{array}{r} 5\ \square \\ 1\ \ 4 \\ +\ \square\ \ 0 \\ \hline \square\ \ 6 \end{array}$$

Fill in the blanks with these numbers:
5, 2, 7

$$\begin{array}{r} 4\ \ 1 \\ 1\ \ \square \\ +\ \square\ \ 0 \\ \hline \square\ \ 6 \end{array}$$

The month before me has thirty days. The month after me has thirty-one days. What month am I?

July

November

April

February

Make a pattern.

Start with 89.

Subtract 11.

_____ , _____ , _____ , _____ , _____ , _____

It is 82 degrees Fahrenheit outside. What would you wear if you are going outside?

_____

Circle the correctly spelled words.

function, stilness, information

Name: _____

Annabelle "Toothless" Dawson was a mean pirate who spent most of her time counting her gold coins.
She certainly didn't spend it!
Today was a boring day at sea, and no other ships were in sight. It took her 4 hours and 10 minutes to count all of her gold coins.
That included 15 minutes when she was not counting her gold. She thought she heard someone drop gold across the ship. She was wrong, but you wouldn't want to tell her that!
When she is counting, she counts exactly 80 coins in 10 minutes.
How many gold coins does she have?

Show your work.

Name: _____

Mrs. Garcia bought two dozen eggs. She used five of them to make a cake. She cooked one of them for breakfast. How many eggs were left?

Geese that lay eggs should have about sixteen hours of light each day. How many hours of darkness do the geese have?

Max worked in the school library for thirty minutes each day. He put books back on the shelves. On Monday there were one hundred forty-nine books to put back. He put back sixty-two books. How many books are left for him to put on the shelves?

Name: _____

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!

7561, 5617, _____, _____, 7561, 5617, 6175,

1756, 7561, 5617, 6175, 1756, 7561, 5617

6423, 4236, 2364, 3642, 6423, 4236, 2364,

3642, _____, _____, _____, 3642, 6423, 4236

What is the rule for each pattern?

_____, _____, 109, 55, 99, 47, 89, 39, 79, 31, 69, 23

117, 148, 105, 133, 93, 118, _____, 103, 69, 88, 57, 73, 45, 58

84, 65, 77, 60, 70, 55, 63, 50, _____, _____, 49, 40, 42

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.

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

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

2 1 3 4

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

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

1 2 3 4

	3	2	4	1
2	4		3	
1	3		4	1

Hint - These numbers are missing:

2 1 2 1

1	3	1		2
		2	3	1
1	3	1		2

Hint - These numbers are missing:

2 4 4 4

8 is more than ○ 7 ○ 8 ○ 9	8 tens and 6 ones ○ 86 ○ 8	fourteen ○ 3 ○ 14 ○ 16

☐ I did page 24 ☐ I decided to skip this page

edHelper

Name: _____

Fill in the missing numbers.

	2		3
4		4	
1	2	1	

Hint - These numbers are missing:

3 3 2 1 1

2		2	
	3		3
	2		2

Hint - These numbers are missing:

1 4 1 4 1 1

		2	
4	1	4	3
2	3		1
	1	4	

Hint - These numbers are missing:

3 2 1 4 3 2

	2		2
	1	3	1
2			4
1	3	1	

Hint - These numbers are missing:

4 3 4 4 2 3

$$\begin{array}{r} 7 \\ -\ 1 \\ \hline \end{array}$$

What is ten less than 76?

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

word root **contra** can mean **opposite or against** **contradict**

Name: _____

Day of the Week	Number of Students
Monday	24
Tuesday	16
Wednesday	25
Thursday	22

This chart shows the number of students who went to play practice.

How many more students went to play practice on Wednesday than on Tuesday?

On which day did the greatest number of students miss going to play practice?

There was also play practice on Friday. Take a guess. How many students do you think will go to play practice on Friday. Why?

Cookies	Number Sold	Total Sales
maple	11	$22
cinnamon	9	$18
oatmeal	13	$13

Emma's class held a cookie sale.

If Nathan bought one cinnamon cookie and two oatmeal cookies, how much did he spend?

If it cost $7 to make the cookies, how much did they make from this bake sale?

Person	Holly	Nathan	Holly	Alex
Number of Squishies Found	8	13	8	3

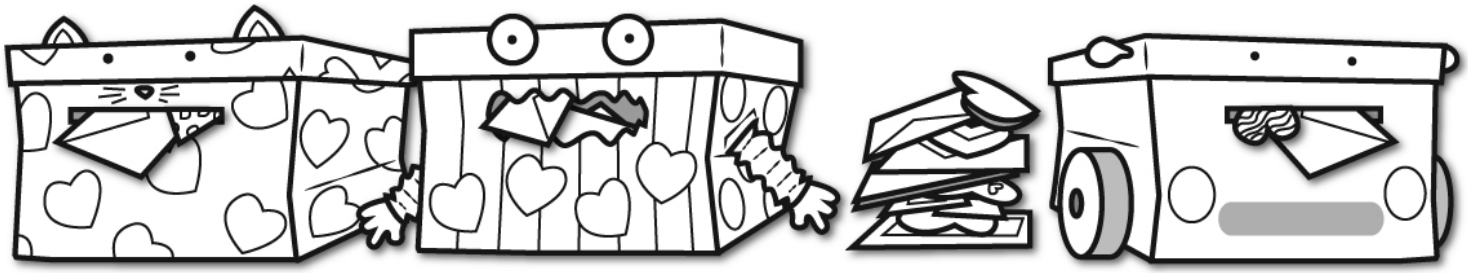
At Holly's birthday party they had a squishy scavenger hunt.

Who found the fewest squishies?

How many more squishies would he or she need to have found to win?

If 9 squishies were not found, how many squishies were originally hidden?

Name: _____



Write your own math problem here.

Ask the person who helped you to try to solve your problem.

Name: _____

Dr. Programmer knows how to program with his computer. He uses the STAR key, which is *. On a computer you have to press Shift and 8 at the same time to type that. How confusing!

5 times 2 is written 5 * 2 on his computer.

*

Dr. Programmer typed:	The computer replied:
print (12 * 5)	60
print (12 * 12)	___
print (9 + 8)	__
print (11 * 11)	
print (34 + 30)	__
print (90 - 77)	__
print (12 * 2)	

y + 19 = 26	30 - n = 20	38 - n = 30
What number is halfway between 0 and 24?	Write the number that is one thousand less than 7,916.	11 x 2 x 10

Name: _____

Dr. Programmer knows how to program with his computer. He uses the STAR key, which is *. On a computer you have to press Shift and 8 at the same time to type that. How confusing!

5 times 2 is written 5 * 2 on his computer.

Dr. Programmer typed:	The computer replied:
print (10 * 8)	80
print (3 * 5)	__
print (11 + 5)	__
print (30 + 44)	
A = 2 B = 6 print (A * B)	
A = 6 print (A * 7)	
A = 1000 B = 9 C = A - B print (C)	___
A = 388 B = 6 C = A - B print (C)	

Name: _____

```
Girls = 21
Boys = 15
Diff = Girls - Boys
print ("Our class has ",Diff," more girls than boys.")
```

___ c__s_ ___
_ ____ __r__
____ ___s_

```
N1 = 2
N2 = 8
N3 = N1 * N2
N4 = N3 + 2
print ("N4 = ",N4)
```

__ _ __

```
N1 = 4
N2 = 7
N3 = N1 * N2
N4 = N3 + 2
print ("N4 = ",N4)
```

An angle measures 119°. What would you call this angle?

Sketch an obtuse angle named ∠ABC.

Sketch a right angle named ∠ABC.

Write the number that has exactly 7 hundreds.

Write the least possible 2-digit number without repeating any numbers.

(8,398,080) , _____, (233,280) , (38,880) , (6,480) , (1,080) , (180) , (30)

Insert a comma in the correct place in this sentence.
I didn't see you at the store on Friday did I?

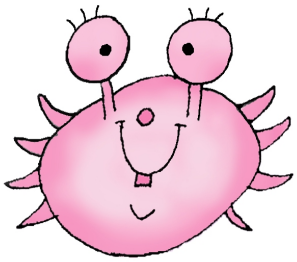
Name: _____

Connor started juggling three balls at 1:45 p.m. He juggled them without dropping them until he finally dropped one at 2:15 p.m. How long did he juggle the balls without dropping them?	Peter made a poster for "Be Kind to Me Day." He used red paper. He put silver stars on it. He printed "Be Kind to Me Day" on it. He put it on his door. It took him 38 minutes to make the poster. He started working on it at 9:21 a.m. What time did he finish it?	April bought 4.25 yards of fabric. She made a new dress for the first day of school. She had 1.29 yards of fabric left. How much fabric did she use for her dress?

Write the number for two thousand, fifty-seven.

_____

53 + 72 = _____



3 × 9	11 × 3
4 × 6	5 × 8

Which is longer: two feet or twenty-one inches?

_____

9 × 11	2 × 2	6 × 10
9 × 10	3 × 8	11 × 1

Circle the correctly spelled words.

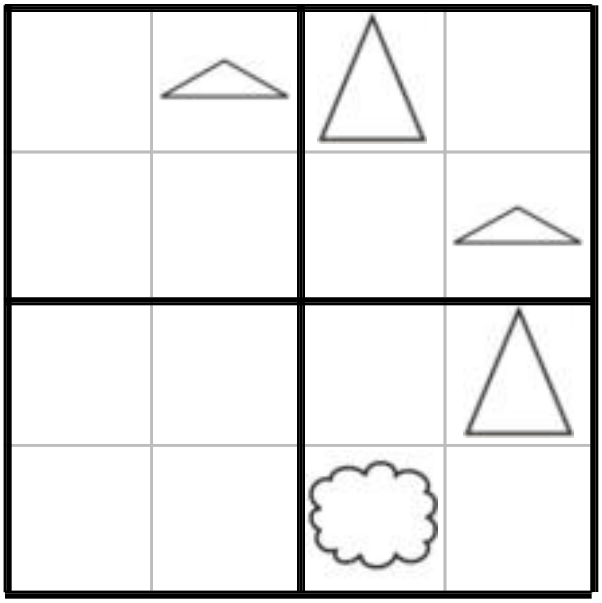
sollid, wounded, sivil, divide

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

4	6	5		1	
2	3	1			4
	5		4		2
6					1
					6
3	4				

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



☐ I did page 32 ☐ I decided to skip this page

Name: _____

ICE MOUNTAIN DECIMALS

Directions: Help Poe the Polar Bear finish decorating his ice mountain wall of math art.
Write the decimals in their correct order.

3.12 < 1.98 > 2.75

4.11 < 7.35 < 5.40

0.25 > 0.45

9.02 > 4.30 > 7.10

6.11 < 6.02

2.030 > 2.501

0.112 < 0.012 > 0.102

9.42 > 9.24

8.13 > 3.83 < 8.31

7.75 < 4.61 < 8.82

7.61 < 1.67

5.98 > 5.89 < 8.95

☐ I did page 33 ☐ I decided to skip this page

Name: _____

Fill in the following using the rule 5280 feet = 1 mile.

21,120 feet + 21,120 feet = _____ _____

_____ feet + _____ feet = 10 miles

10,560 _____ + 10,560 _____ = 4 _____

Rosa bought a pack of six waters. It cost $4.20. How much did each water cost?

Round 1538 to the nearest hundred.

What number is halfway between 56 and 62?

40 is a multiple of 4 and 5.

26 is a multiple of ___ and ___.

20 is a multiple of ___ and ___.

20 ÷ 5 =

___ ÷ 9 = 3

☐ I did page 34 ☐ I decided to skip this page

Name: _____

Three consecutive numbers have a sum of 312. What are the numbers?

Use any of these digits. Cross off a digit after you use it.

9 1 6 3 7 0 7 3

Write the smallest 5-digit number that you can with 7 in the hundreds place.

24 ÷ ____ = 6

Write the number that has exactly 9 millions.

How many tens are in the number 9,600?

☐ I did page 35 ☐ I decided to skip this page

Name: _____

The art teacher poured bags and bags of different shapes of noodles on the table. She told her class to use their imaginations and use the noodles to make pictures on the sheets of colored paper she had given them. Rosa made a lion with 140 noodles. Rose made a snake with 23 noodles. Jenna made a bird with 44 noodles. How many noodles did these 3 girls use in all?

There was a truck show in Midtown on Ugly Truck Day. Anna and her mother decided to have lunch after they looked at the trucks. They could have a hot dog or a hamburger. They could put mustard, mayonnaise, or catsup on their sandwiches. Make a tree diagram to show all the possible outcomes (combinations).

23 + ____ + 24 = 62

5, 10, 15, 20, 25,

_____, 35, 40, 45, 50

117, 130, 143, 156, 169,

182, 195, _____, 221,

234

Mr. Smith bought a western saddle for his horse at a cost of $304.86. He also bought 12 silver conchos for $3.87 each and a pair of stirrups for $102.41. How much did he spend in all?

The Amazing Avril retired after performing 3,266 magic shows. If he performed 86 shows per year, for how many years had he been performing? Round your answer to the nearest tenth.

Max had 3 quarters, 4 dimes, and 5 pennies. He bought an ice cream cone just because he wanted one. The cone cost 78¢. What fraction of a dollar does he have left?

10 x 120 ÷ 10

double 23 =

9, 11, 13, 15, _____, 19,

21

☐ I did page 36 ☐ I decided to skip this page

Name: _____

The fourth grade class planted daffodils and irises in front of the school. They planted 267 daffodil bulbs and 169 iris bulbs. How many bulbs did they plant in all?

Pi may be written as 3.1415926535. What is the value of the digit "4" in that number?

Mr. Hall bought three red poinsettias, eight white poinsettias, and four pink poinsettias. What is the ratio of red poinsettias to the total number of poinsettias?

Jessica has 48 books. She organized them equally into 4 boxes. How many books in each box?

Name the shape with six sides and six angles.

How many total legs are on 3 elephants and 2 ants?

Justin loves to hike in the mountains in West Virginia, his home state. Last week he hiked for 3 hours each day. How many hours did he hike in 6 days?

There was a bike race during Be Kind to Humankind Week. The race was 5.1 kilometers long. Max won the race. Peter's bike lost a wheel. He had to drop out 1.6 kilometers from the finish line. How far had he ridden?

Mary is making cards for Friendship Day. She is putting 2.5 inches of blue ribbon, 3.2 inches of yellow ribbon, and 1.8 inches of green ribbon on each card. How many inches of ribbon in all will she use on each card?

5 - 5 + 3

Wendy has 23 nickels. How much money is that?

12 x 9 =

☐ I did page 37 ☐ I decided to skip this page

Name: _____

Mr. Robinson bought 5 boxes of plastic dragons for his store. There are 12 dragons in each box. He sold 32 dragons during the first week. How many dragons were left?

Jacob had 4 dimes. He needed just a little more money to buy a Parents' Day card. Connor gave him some nickels. Now he has $1.05. How much money does Jacob have in nickels?

The sled teams cover 1,122 miles in about 9 days. About how many miles do the teams travel each day? Round your answer to the nearest whole number.

Round 116 to the nearest ten.

Is 26 a composite or a prime number?

(11 - 3) x 12 + 2

Mr. King made 8 $\frac{4}{5}$ cups of peach ice cream. His children ate 5 $\frac{3}{5}$ cups of the ice cream. How many cups of ice cream were left?

During the Alexander Graham Bell Day celebration in his hometown in Scotland, 552 people paid $5.50 each to see an exhibit of his inventions. How much money was paid in all?

Mrs. Brown has 9 boxes of cookie cutters. Each box has 6 cookie cutters. She wants to put them on shelves in her store. Each shelf can display 11 cookie cutters. How many shelves does she need for her cookie cutters?

8 - (4 + 1)

In the equation 23 x 403 = 9,269, which number is the product?

Write the number that is one ten less than 4,273.

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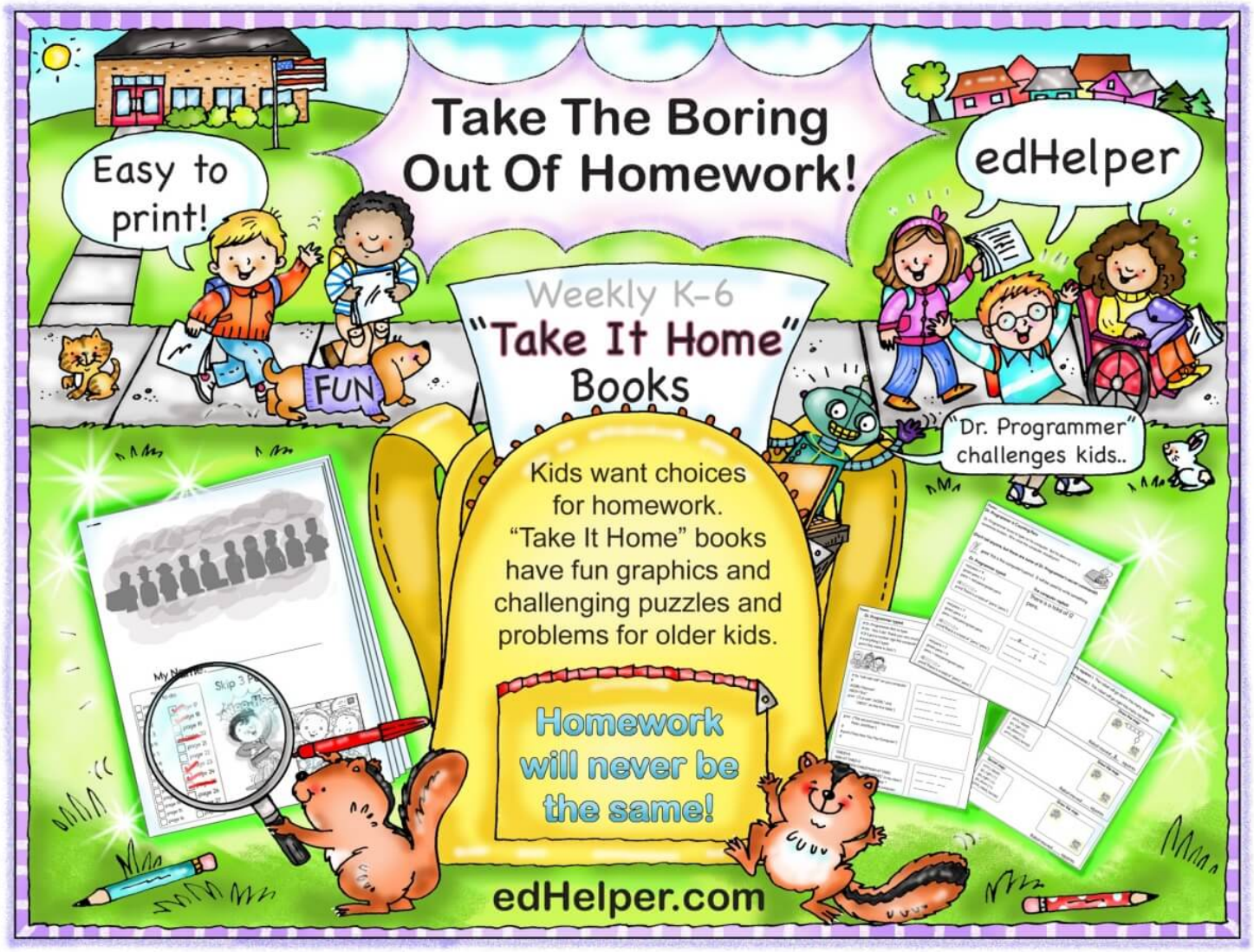
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