MONTHLY MATH CHALLENGE

Homework

April

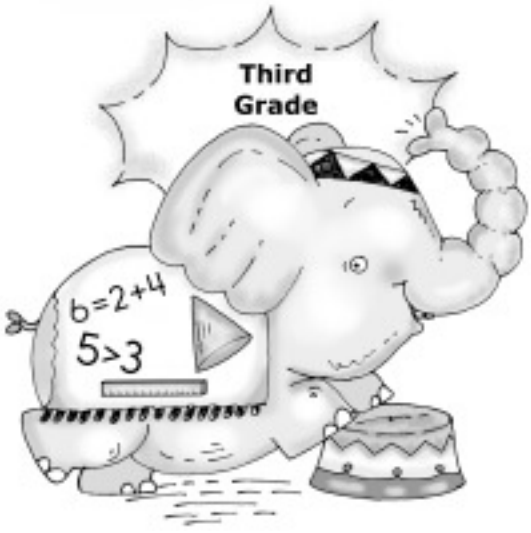
My Name: _____

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

Find a helper.

He/she helped by checking my work.



Name: _____

"Rocky is 44 years old," said Jenna to her friend.
"She is? But your brother said your dog was younger than that. And I just asked him a few minutes ago. Weird."
"Hey!" said Alex snooping by the door. "That's because Jenna doesn't use the simple formula to multiply a dog's age by 7."
"I may not use simple, but I use what's more accurate. A dog's first year of life is about 15 human years. A dog's second year equals about 9 human years. Every year after that is about 5 human years. That's why Rocky is 44 years old."
What's Rocky's real age?

How old would Alex say Rocky is?

Name: _____

One of the digits for each number has been written out. Which is it?

Draw a line to match each problem with the same answer.

One digit is: three hundreds	One digit is: six ones
231,011	One digit is: two hundred thousands
One digit is: three hundred thousands	7,301
One digit is: nine ones	One digit is: nine hundred thousands
4,036	3,029
328,021	911,010

$$\begin{array}{r} 56 \\ +\ \ 9 \\ \hline \end{array}$$

Write this number:
9 thousands, 7 hundreds, 5 ones, 3 tens

How many hours are there from 9 a.m. to 8 p.m.?

Write this number:
8 thousands, 2 hundreds, 9 ones

J, L, _____, N, L, P, M, R, N, T

45, _____, 67, 78, 89, 100, 111, 122, 133

54 + 3 = _____

Name: _____

Jill is reading a book about the history of cars.
"That book's huge," says Jack. "You'll never finish it!"
"I will," replied Jill.
"She will all right," said her BFF Jen. "But she's a weird reader. She read 1 page the first day, 2 pages the next day, 3 pages the next, 5 pages the next, 8 pages the next, and she is supposed to read 12 pages today."
"Yeah!" replied Jill. "It makes reading fun. I stop each day based on this pattern. It doesn't matter if I'm in a really good part."
"Are you kidding?" asks Jack. "How many pages will you read tomorrow?"

Show your work.

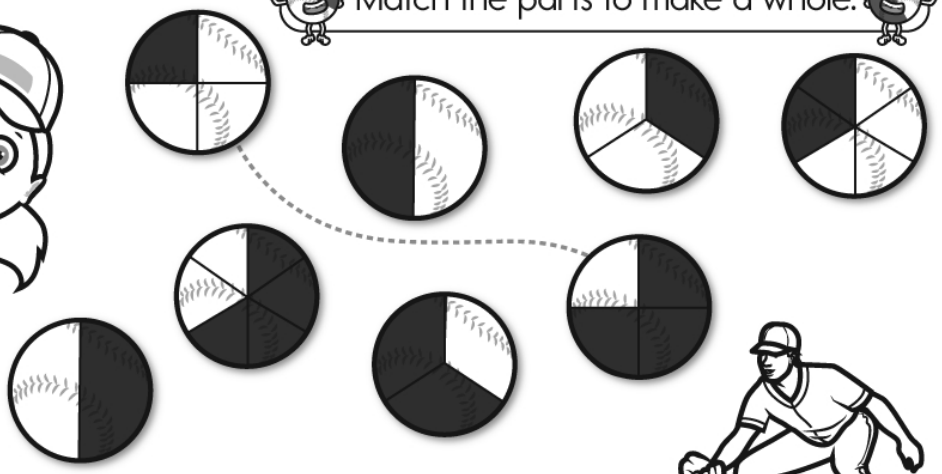
Name: _____

Julie and her three best friends all went out to dinner at Charlie's Cookery. Julie's mom drove them and sat at a different table. The girls had a great time and had great food. They laughed about their day, planned a sleepover party for the next weekend, and talked about their favorite TV shows. They shared chips and salsa, each got their own hamburger, and then split a dessert. The chips and salsa cost $4.00. Each burger was $10.00. The chocolate molten cake they devoured for dessert was $6.00. When the bill came, the girls split it equally. How much did each girl have to pay?

Show your work.

Name: _____

Match the parts to make a whole.

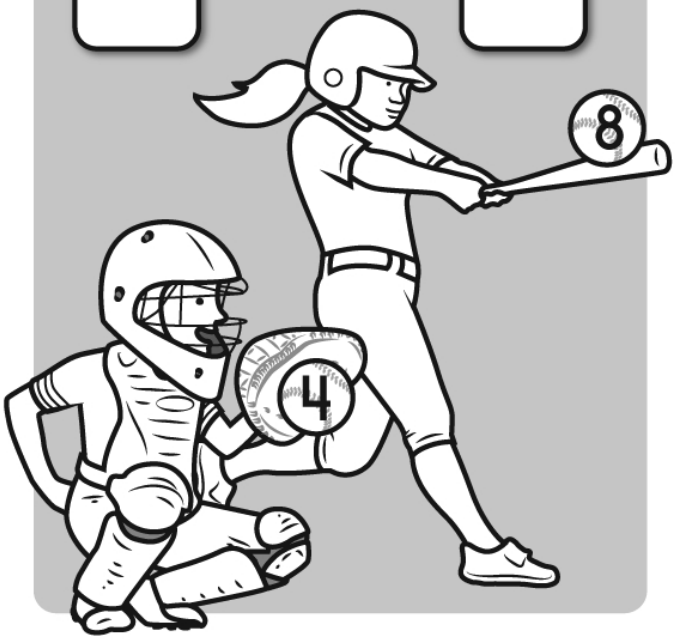


Winning Scores

Two times as many points:		Four times as many points:		Three times as many points:		Five times as many points:	
8	8x2= 16		6	7			5
HOME	VISITOR	HOME	VISITOR	HOME	VISITOR	HOME	VISITOR

How many total balls were thrown? ☐

How many more balls were hit than caught? ☐

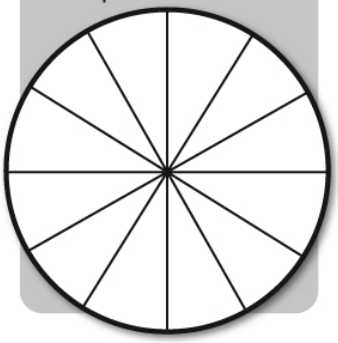


Number of balls hit:

Complete the fraction:

$\frac{\square}{12}$

Complete the pie chart:

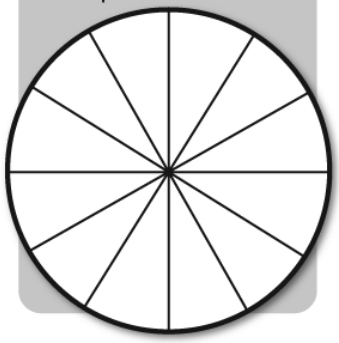


Number of balls missed:

Complete the fraction:

$\frac{\square}{\square}$

Complete the pie chart:



Name: _____

Shopping for Spring Things

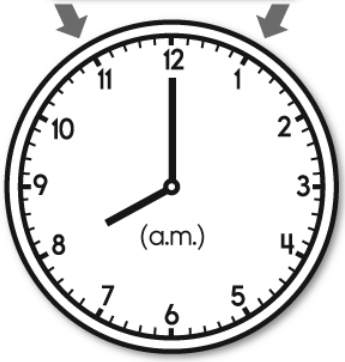
How many dollars do you need to buy all of these things?

$ ____

How many of each item can you buy with $20?

How long until each event?

Current Time



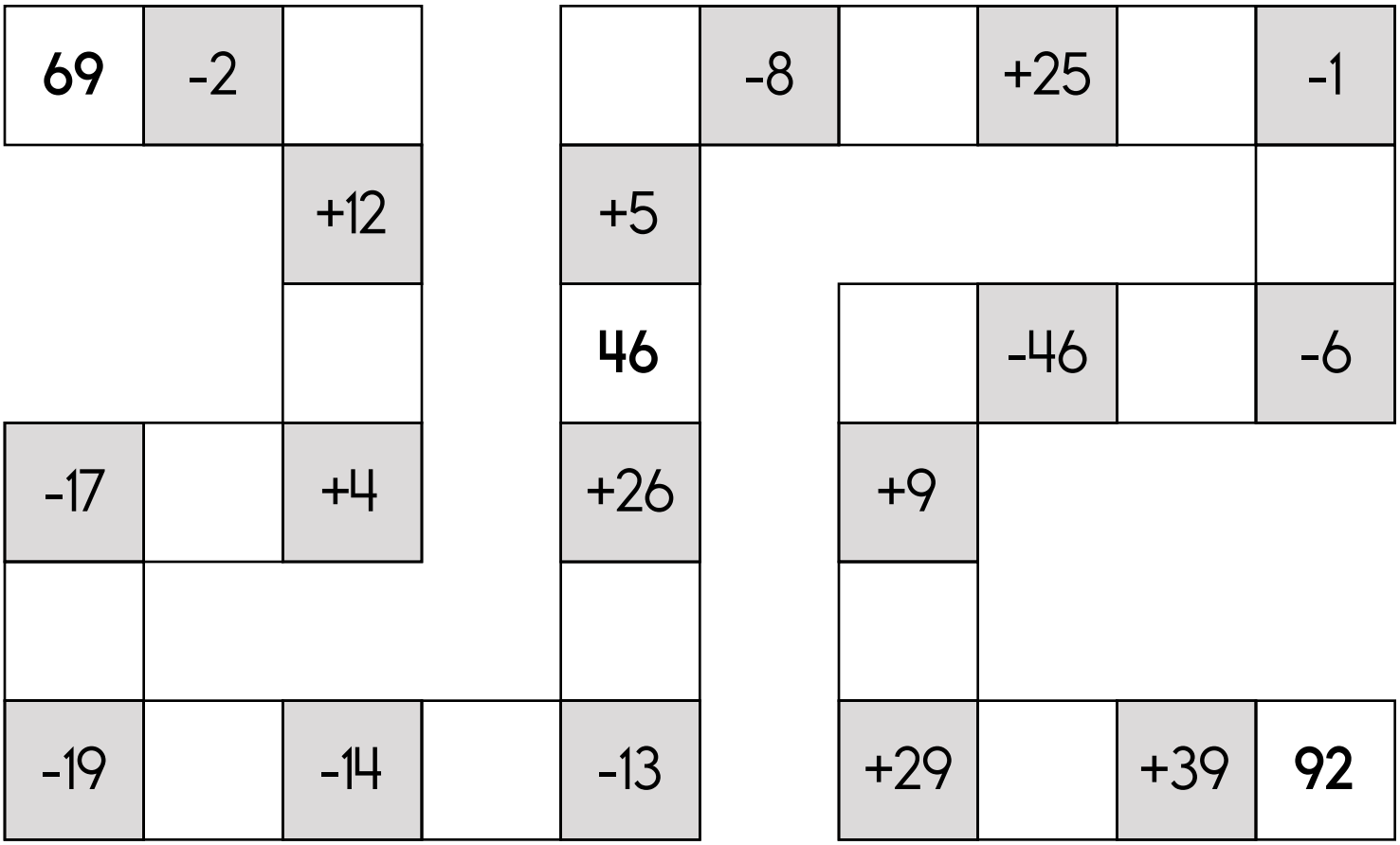
Softball Game
8:30 a.m.
Hours Minutes

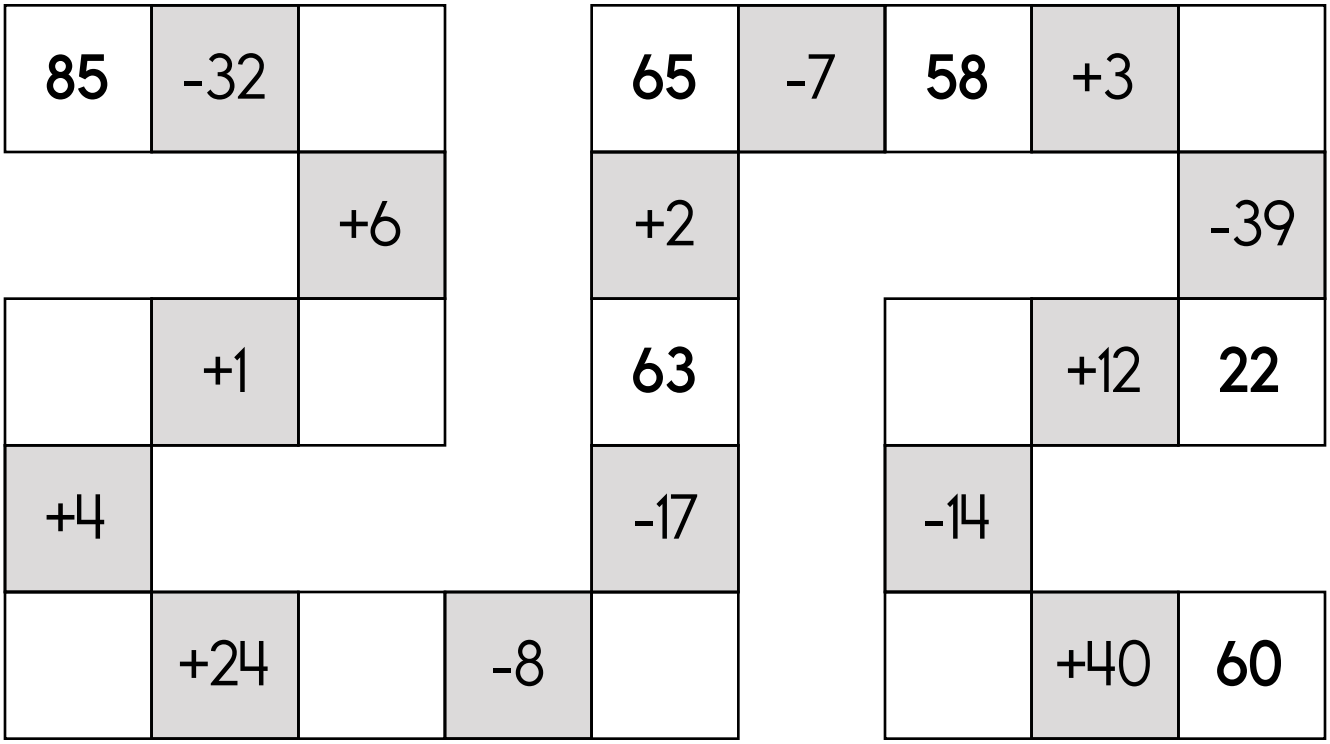
Gardening Class
11:45a.m.
Hours Minutes

Toad Race
3:30 p.m.
Hours Minutes

BBQ
6:15 p.m.
Hours Minutes

Name: _____



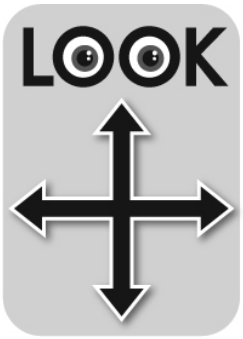


7 + 9 =	5 - 1 =	9 + 9 =	6 + 1 =

Name: _____

- [x] 8 x 7 = **56**
- [ ] 12 x 4 =
- [ ] 2 x 5 =
- [ ] 3 x 10 =
- [ ] 12 x 6 =
- [ ] 11 x 11 =
- [ ] 11 x 3 =
- [ ] 4 x 6 =
- [ ] 10 x 4 =
- [ ] 11 x 4 =
- [ ] 6 x 3 =

18	3	71	29	7	3	6	48	8	26	4	3	11	4	18	10
10	40	9	11	20	6	4	17	121	44	31	21	6	18	22	57
21	57	30	34	4	121	47	21	14	30	7	12	49	5	6	30
11	33	29	49	12	31	2	10	10	24	6	4	28	71	3	49
7	12	6	56	3	10	72	14	7	25	2	7	20	3	10	4
21	23	8	x	7	=	56	4	3	3	33	9	6	39	13	10	3	23
5	4	7	39	6	40	121	29	16	4	3	26	18	7	4	29
8	48	57	8	10	4	11	6	44	4	11	47	11	17	33	11
11	4	4	6	0	11	11	39	6	56	4	12	21	8	3	8
18	6	48	2	8	18	25	34	8	7	45	72	45	6	3	11
12	9	4	7	72	6	12	6	71	2	11	28	18	3	6	2
8	4	12	14	18	45	11	11	57	10	5	3	4	47	24	34
44	2	10	7	8	29	17	23	30	10	3	4	24	11	1	3
9	2	9	14	26	24	17	6	40	10	5	2	6	33	3	11



Write operation.

Write = sign.

Circle.

- [x] 9 x 12 = **108**
- [ ] 11 x 11 =
- [ ] 3 x 6 =
- [ ] 10 x 2 =
- [ ] 5 x 5 =
- [ ] 12 x 5 =
- [ ] 9 x 5 =
- [ ] 4 x 11 =
- [ ] 7 x 6 =
- [ ] 8 x 12 =
- [ ] 12 x 7 =

42	8	59	5	16	10	4	9	12	12	108	8	6	20	18	20
3	4	14	15	3	44	15	22	7	5	12	5	60	21	14	96
8	9	109	24	6	20	11	21	84	28	3	25	26	5	20	42
84	6	12	5	8	18	60	7	11	4	18	7	109	3	15	6
19	4	7	3	5	96	12	8	12	4	5	7	11	29	59	7
19	4	9	46	2	7	15	27	14	15	5	4	12	25	24	18
18	45	5	11	4	11	44	43	21	18	25	16	44	7	6	12
25	12	9	x	12	=	108	14	28	7	43	6	27	26	26	60	3	10
19	7	12	13	45	2	12	9	96	3	9	46	19	11	5	5
83	84	109	8	5	10	11	107	6	0	5	20	8	42	121	109
20	14	18	5	9	5	107	121	24	11	5	83	10	11	10	15
13	7	12	108	6	16	5	121	11	11	45	8	5	5	2	44
12	7	121	1	19	12	96	10	9	12	2	4	18	13	20	9

Name: _____

+		7	5	10	5		
	___ + ___	___ + 7	___ + 5	___ + 10	14 ___ + 5	___ + ___	___ + ___
	18 ___ + ___	___ + 7	___ + 5	___ + 10	___ + 5	___ + ___	___ + ___
	___ + ___	___ + 7	___ + 5	___ + 10	___ + 5	11 ___ + ___	___ + ___
10	10 + ___	10 + 7	15 10 + 5	20 10 + 10	10 + 5	10 + ___	17 10 + ___
6	6 + ___	6 + 7	11 6 + 5	6 + 10	6 + 5	12 6 + ___	6 + ___
	15 ___ + ___	___ + 7	___ + 5	18 ___ + 10	___ + 5	___ + ___	___ + ___
5	5 + ___	12 5 + 7	10 5 + 5	5 + 10	10 5 + 5	5 + ___	5 + ___

993 - 363	873 + 942	432 + 853	840 - 218	965 + 956

5 + ☐ = 17 18 + ☐ = 39 18 + ☐ = 21 8 + ☐ = 29

Name: _____

It was a beautiful Saturday. Joe and his friend Mike were bored and broke. They wanted to do something outside, but they also wanted to make some money. They decided to have a lemonade stand. They gathered up materials and set up an awesome stand. They were outside for three hours before closing their shop for the day. They sold 10 cups of lemonade the first hour, 15 cups the second hour, and 5 cups the third hour. They charged $0.25 for each cup. How much money did the boys make?

Show your work.

Name: _____

289 + 703	520 + 679	804 + 631	252 + 457	212 + 917
3□□ + 393 = □21	□14 + 2□□ = 472	□□6 + 589 = 14□	□63 + 4□□ = 107	□□8 + 780 = 10□
866 + 188	612 + 853	729 + 870	457 + 852	484 + 556
694 + □1□ = 1□1	□26 + 53□ = 1□5	□□8 + 582 = 88□	389 + □□□ = 132	798 + □□6 = 12□
630 + 849	546 + 991	459 + 925	428 + 151	886 + 640
□4□ + 935 = 1□7	2□1 + □5□ = 7□7	□□4 + 61□ = 145	□5□ + 712 = □□6	62□ + □32 = 7□1

Name: _____

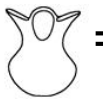
Puzzle:

		9		19
				22
	9			23
				18
19	23	26	14	+

Work Area:

		9		19
				22
	9			23
				18
19	23	26	14	+

The sum for each column and row is given.

= _____  = _____ = _____

= _____ = _____

Puzzle:

				24
				18
				18
				17
18	16	25	18	+

Work Area:

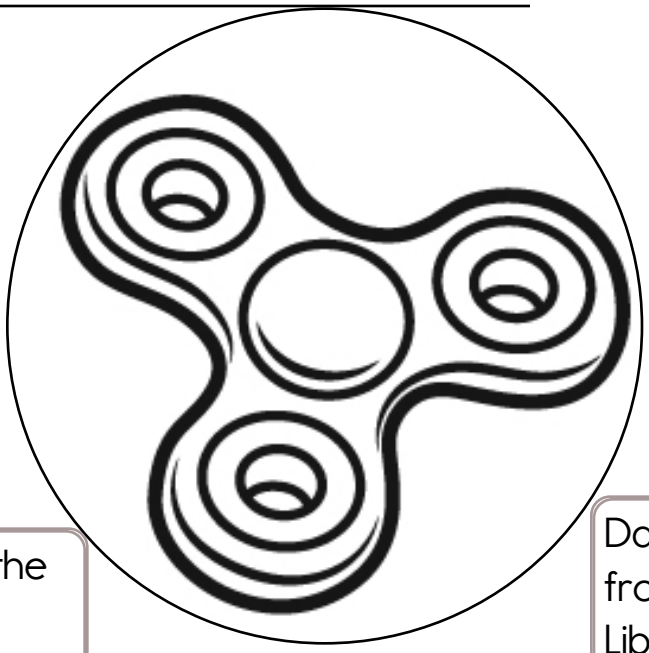
				24
				18
				18
				17
18	16	25	18	+

The sum for each column and row is given.

= _____ = _____ = _____

= _____ = _____ = _____

Name: _____



How many times do you need to spin?

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

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?

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?

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?

There were 12 raincoats on the top row of the classroom closet. There were 9 raincoats on the bottom row of the classroom closet. How many more raincoats were on the top row than the bottom row?

Paul made 10 posters for Earth Day. Max made 5 posters for Earth Day. How many more posters did Paul make than Max?

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?

Liz made 4 blue birdhouses in art class. She made 6 red birdhouses in art class. How many birdhouses did she make in all?

Name: _____

Jonah's parents own Smitty's Fish Market off the Hilo Pier. They sell fresh fish to all the local restaurants in town. Their supply varies each day based on what they've caught that morning. On Friday, his parents caught and sold 130 pounds of tuna and 65 pounds of Ono. On Saturday they caught and sold twice as much tuna but only half as much Ono. How many pounds of fish did they sell in all on Friday and Saturday?

Show your work.

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

edHelper

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 8 in your head subtract 5 add 2 Write the number. ____ A	imagine 6 in your head subtract 3 add 2 add 3 Write the number. ____ B	imagine 9 in your head double it add 5 add 2 Write the ones digit. ____ C	imagine 9 in your head add 6 add 9 Write the tens digit. ____ D

What is the sum?

A + B + C + D

____ ____

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

____ ____ ____ ____ **t** ____

4 before 19 _____	2 after 12 _____	3 after 13 _____
6 before 14 _____	1 after 14 _____	5 after 19 _____
2 before 12 _____	4 after 16 _____	8 after 11 _____
3 before 15 _____	7 after 15 _____	6 after 18 _____
5 before 16 _____	9 after 17 _____	4 after 17 _____

Name: _____

"Bye, Caroline. I'll see you at the party tonight," yelled Jen.
"Hi, Jen. What time is the party again?" asked Anna.
Jen looked at her watch. "It's in only 6 and one-half hours. The party will be exactly 2 and one-half hours before midnight."
What time is the party?

What time is it now?

Name: _____

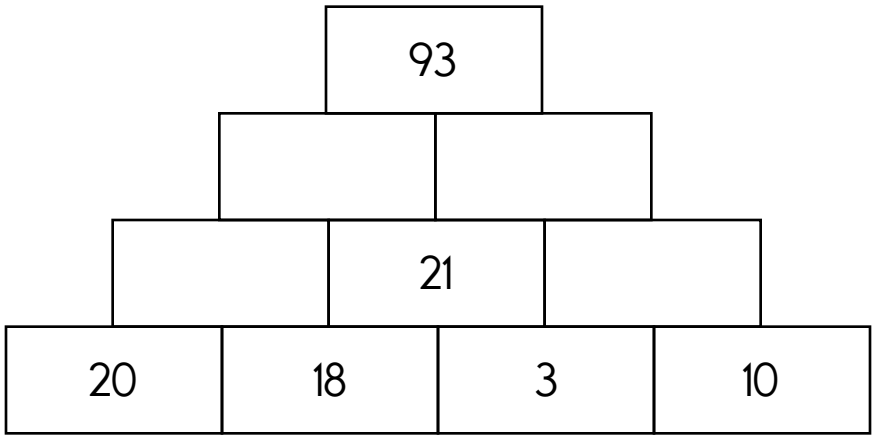
33 × 2	51 × 7	43 × 8
55 × 5	64 × 8	
63 × 7	71 × 2	58 × 9
32 × 5	53 × 9	

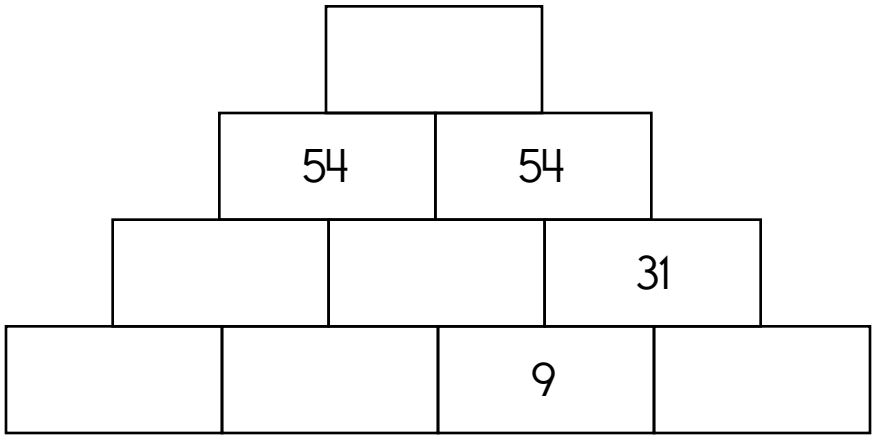
72 × 37 = 2664	79 × 33	22 × 80
72 × 71		

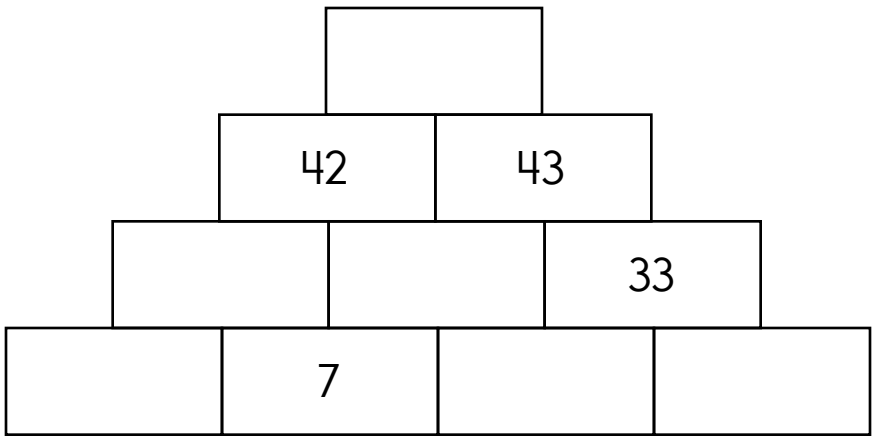
33 × 35	48 × 80	58 × 50
76 × 84		

Name: _____

The block above is the sum of the two blocks below. Fill in the missing blocks.







If you know
79 + 18 = 97
Then what is 79 + 17?

What number multiplied by five is twenty?

$$\begin{array}{r} 277 \\ -\ 41 \\ \hline \end{array}$$

Name: _____

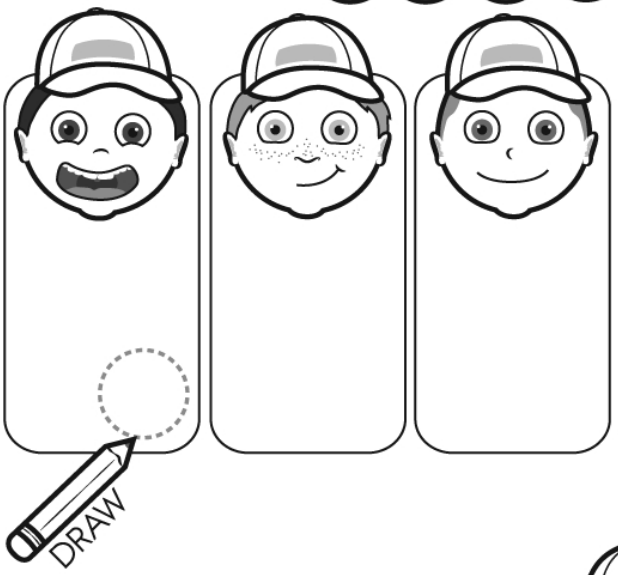
There were seven rat traps in the barn. There were two rats in each trap. How many rats in all were in the traps?

Three children were waiting to see the doctor. Six children joined them. How many children were waiting to see the doctor then?

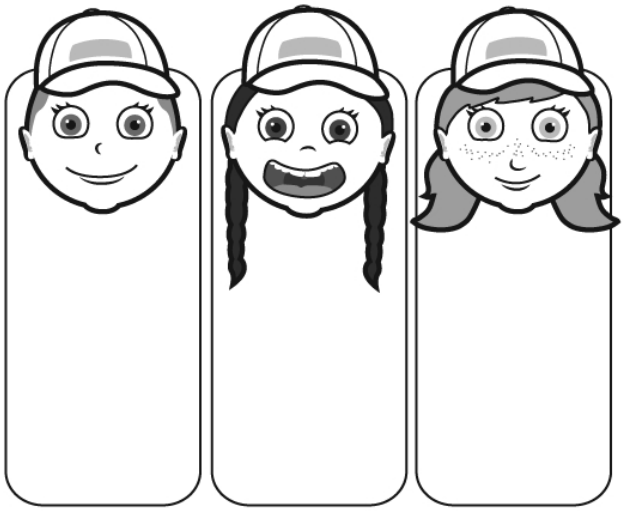
Emily found a bird's nest. It had three little blue eggs in it. Maria found a nest with four little white eggs in it. Amy found a nest with five brown eggs in it. How many eggs did the girls find in all?

Name: _____

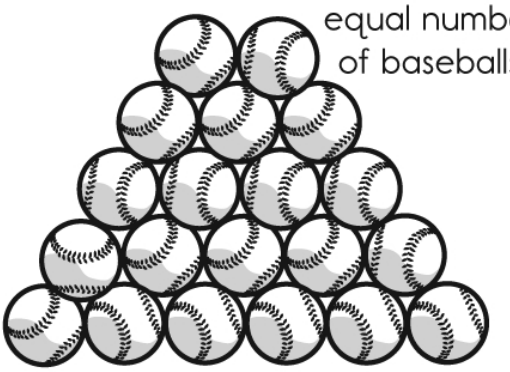
Give each player an equal number of baseballs.

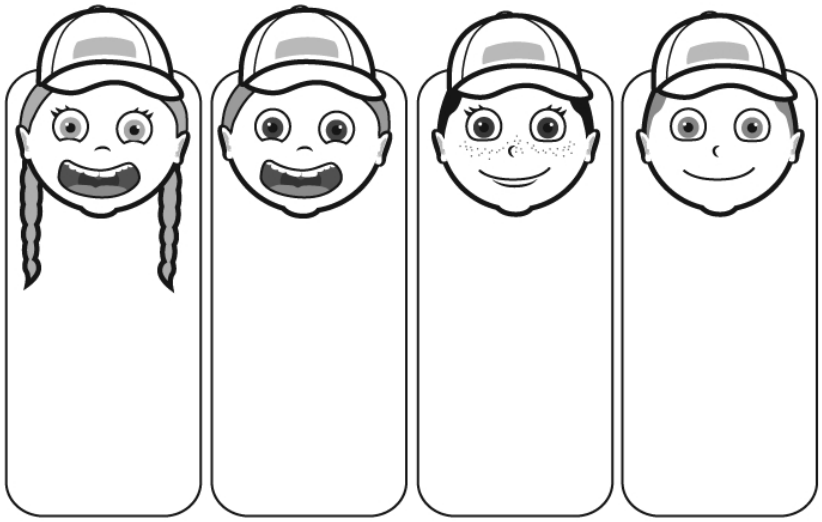


Give each player an equal number of softballs.



Give each player an equal number of baseballs.



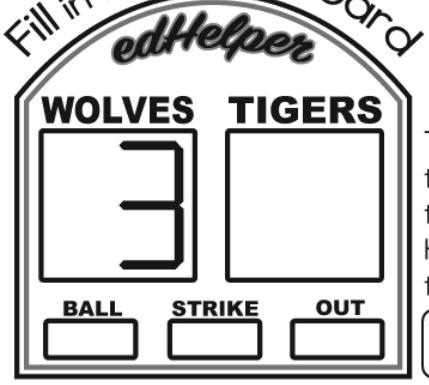


Fill in the Scoreboard

The BEARS have five times more points than the LIONS. How many points do the BEARS have?

5 x 6 = ☐

Fill in the Scoreboard



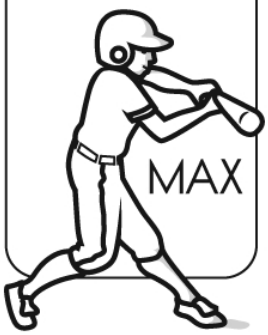
The TIGERS have six times more points than the WOLVES. How many points do the TIGERS have?

☐ x ☐ = ☐

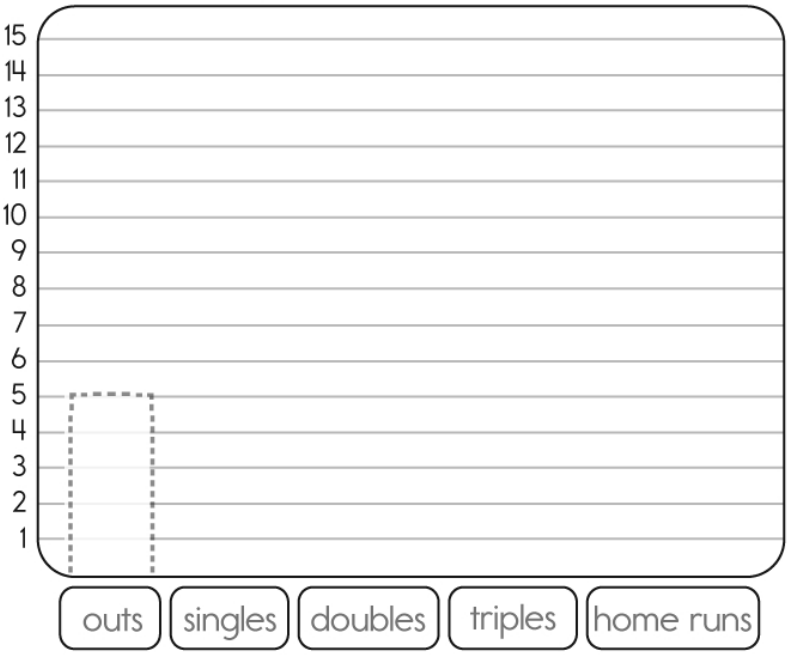
Name: _____

Complete the Bar Graphs

5 outs
10 singles
6 doubles
2 triples
3 home runs

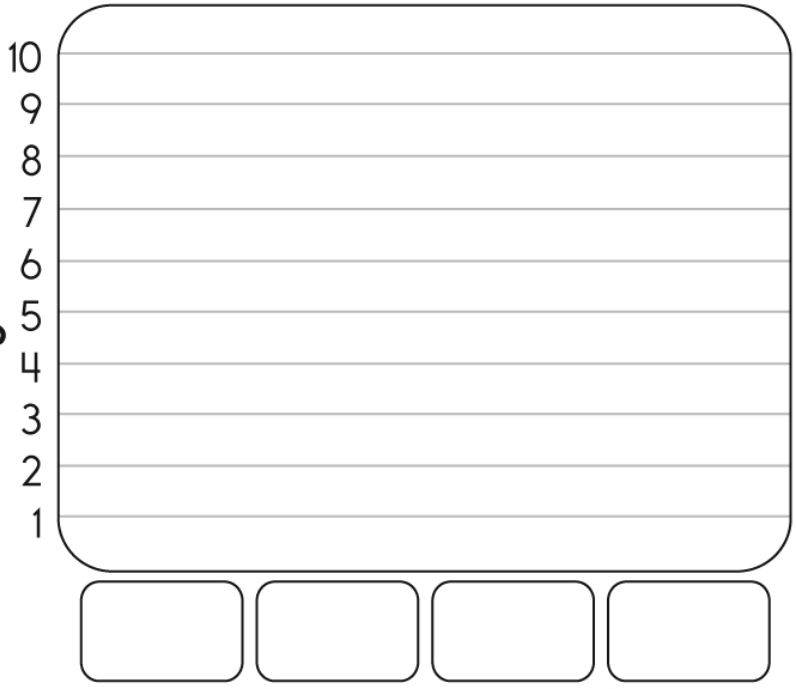


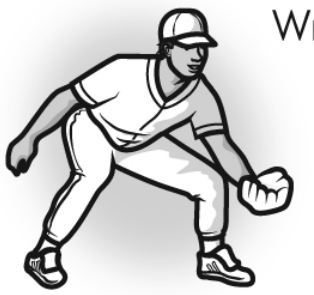
Max at Bat



4 ground balls
8 line drives
5 fly balls
3 foul balls

_____





Write a fraction to match.

Total balls: 9
Caught: 7 balls
Missed: 2 balls

_____

$8 \times \square = 64$

How many 8 ounce cups will the water cooler fill?

8 ounce cups

_____

How many 6 ounce cups will the water cooler fill?

6 ounce cups

_____

Name: _____

Complete.

$$78 + 78 + 78 - 78 + 78 + 78 = 78 \times ___$$

Josh invented a weird digital clock app. It says:

"15 minutes ago it was 5 hours until 2 in the afternoon."

What time is it now?

What is missing?

$$64 + 8.06 - 9 + 2 \times 8 \times 3 - 2.01 \times 0 = 183 \times ___$$

Name: _____

I am a 3-digit number with a 4 in the hundreds place. My ones digit is 3 less than my tens digit. Write any number that fits this.

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

3 8 9 1 7 1

What is the smallest 4-digit even number that you can make?

double 400

2 more than 862

$$\begin{array}{r} 269 \\ +\ 64 \\ \hline \end{array}$$

Where can I get more of this great stuff?
More math!
More spelling!
It's NO PREP at edHelper.
CLASS RULES
A E I O U Y
edHelper.com!
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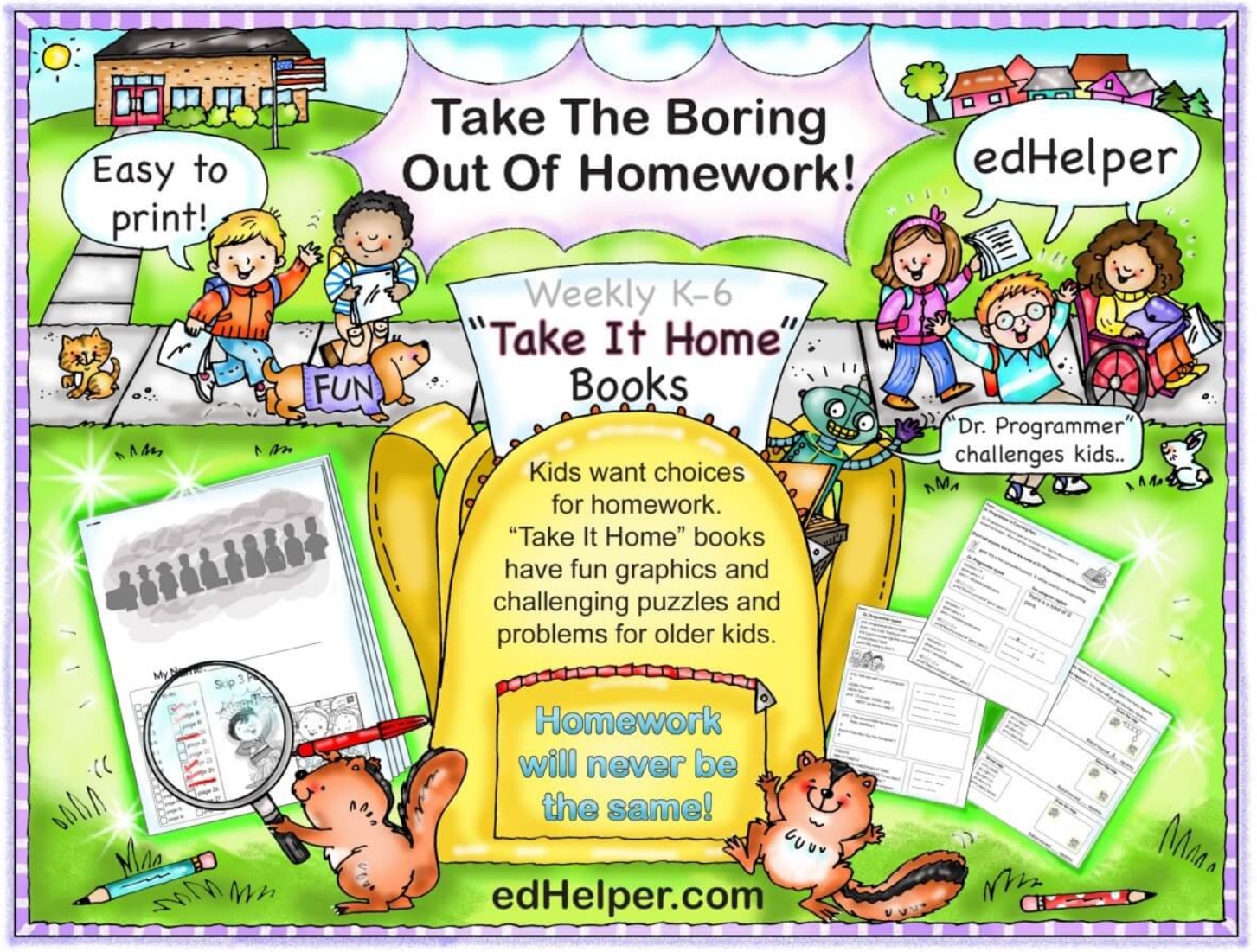
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