26	-12		+57		$-5\frac{3}{4}$		$-\frac{1}{2}$		+32

Name: _____

Pick 21 to do: Skip 2 pages.

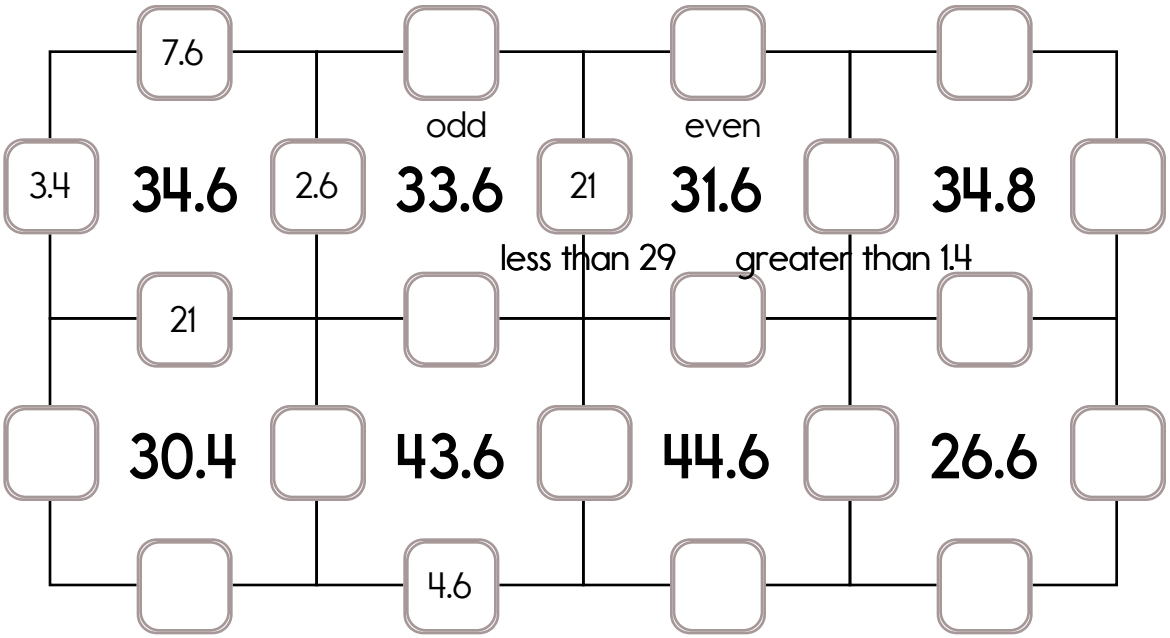
☐ page 1	☐ page 6	☐ page 11	☐ page 16	☐ page 21
☐ page 2	☐ page 7	☐ page 12	☐ page 17	☐ page 22
☐ page 3	☐ page 8	☐ page 13	☐ page 18	☐ page 23
☐ page 4	☐ page 9	☐ page 14	☐ page 19	
☐ page 5	☐ page 10	☐ page 15	☐ page 20	

Challenge Math
Book 33

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: 29, 12, or 21.

The other three numbers have to all be DIFFERENT and must be from these: 3.4, 6.6, 2.6, 7.6, 1.4, or 4.6.



	+23		$+\frac{1}{2}$		+4		+21		$+\frac{2}{4}$

Name: _____

Jason has to read a book about Brazil. He wants to finish it on April 22. He started reading it 7 days before April 22. On what date did he start reading?	There are 10 cats at the pet store. Six of the cats are black. Mr. Johnson bought 5 cats for his grandchildren. Did he buy any black cats? How do you know?	Their pet fish knew it wasn't right. He knew the Cat shouldn't do those things. The pet fish just knew there would be trouble. There was fish food all over the floor. They would have to buy more! Fish food costs $0.33. If Conrad gave the clerk $1, how much change would he get?

How do you know if a number is divisible by 6? Use this trick.

Is the number 66,383,574 even? Yes No If no, it is not a multiple of 6.

66,383,574 _6_ + _6_ + _3_ + _8_ + _3_ + _5_ + _7_ + _4_ = ___ ___

___ + ___ = ___ Is that a multiple of 6? Circle: Yes No

Circle one: 66,383,574 is divisible by six 66,383,574 is not divisible by six

Is the number 817,602 even? Yes No If no, it is not a multiple of 6.

817,602 ___ + ___ + ___ + ___ + ___ + ___ = ___ ___

___ + ___ = ___ Is that a multiple of 6? Circle: Yes No

Circle one: 817,602 is divisible by six 817,602 is not divisible by six

This polygon has six more sides than a quadrilateral. What polygon is this?

_____

Fill in the missing fractions.

$\frac{1}{5}$, _____ , _____ , $\frac{4}{5}$

$$\begin{array}{r} 86 \\ -\ 69 \\ \hline \end{array}$$

☐ I did page 2 ☐ I decided to skip this page

edHelper

Name: _____

Get a fidget spinner! Spin it. **I needed to spin _____ time(s) to finish.**

6 + 1 + 10	5, 7, 9, _____, 13, 15, 17, 19, 21	Double the number 9 three times.
How many tens are in the number 3,200?	50, 60, 70, _____, 90, 100, 110, 120, 130	7 + 6 - 11
Is 35 a composite or a prime number?	What is 16 less than 1,899?	How many total legs are on 24 elephants.
A book has 6 pages. Each page has 11 dimes. How many dimes in the book?	What is the sum of 8 and 36?	If you exchange 90 dimes for dollars, then how many dollars would you get?
Write the number that has exactly 19 ones.	Write the least possible 3-digit number without repeating any numbers.	90 ÷ 9 = 10

☐ I did page 3 ☐ I decided to skip this page

edHelper

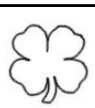
Name: _____

Spin again. **I needed to spin _____ time(s) to finish.**

How many hundreds are in the number 290,000?	In the equation 22 x 313 = 6,886, which number is the product?	What is the sum of 10 and 587?
The number 63 is more than the number 7 by how much?	double 52 =	Write the number that has exactly 3 thousands.
Draw a small clock that shows 10 minutes past 11:00.	Name the shape with three sides and three angles.	How many tens are in the number 50?
Jessica gave out a survey. The answers she got back were 12, 18, 15, 11, and 11. What is the range of these numbers?	G, H, I, _____, K, J, M, K, O, L, Q, M	Write the first 6 multiples of 7.

Name: _____

Puzzle:

		3		28
				28
	3			37
		3		27
21	39	29	31	+

Work Area:

		3		28
				28
	3			37
		3		27
21	39	29	31	+

The sum for each column and row is given.

= _____ = _____ = _____

= _____ = _____

Puzzle:

			☐	44
	☐			33
	☐			33
	☐			32
30	36	32	44	+

Work Area:

				44
				33
				33
				32
30	36	32	44	+

The sum for each column and row is given.

= _____ ☐ = _____ = _____

= _____

Name: _____

The digits in a 4-digit number add up to 32. The tens digit is 5. Can you name the number?

Is there only one possible answer?

Round 106 to the nearest ten.

You need to add what to 35 to get 41?

How many total legs are on 60 zebras.

What number is halfway between 0 and 16?

Round 436 to the nearest hundred.

___ ÷ 9 = 10

What is the homophone of this word?

raze

_____

List the first four multiples of 8.

_____ _____ _____ _____

Name: _____

Megan needs to buy water for the cafeteria.

"Can you please pick up 53 quarts of water?" asked the principal.

When Megan got to the store, they only sold water in gallon containers. How many gallons should she buy? (Hint: 1 gallon = 4 quarts)

8 - 3 + 6

Write a 4-digit odd number.

Write the number that is one thousand less than 4,420.

11 - 8 + 2

Write the greatest possible 5-digit number using only 4 different numbers.

How much greater is 176 than 45?

The factors of 10 are 1 ____ ____ 10

Circle the correctly spelled words.
general, jeneral, genral
slayne, slain, slane
runge, runng, rung

Name: _____

Write the number that is one hundred more than 3,722.	C, F, I, L, _____, R, U, X	Sarah bought a pack of six waters. It cost $3.30. How much did each water cost?
678 + 7 =	Is 347 closer to 300 or 400?	Is 31 a composite or a prime number?
David bought 4 dozen cupcakes for a party. How many cupcakes did he buy?	Is 12 a composite or a prime number?	triple 22 =

Name: _____

Draw a small clock that shows 25 minutes to 11:00.	Find the product of 7 and 5.	There are 3 groups of 5 rocks. How many rocks?
12 x 7 =	Hunter earns $17 an hour. He worked 6 hours. How much did he make?	18 ÷ ___ = 9
You have a playdate in 300 minutes. How many hours is that?	How many minutes are there from 9:00 p.m. until 9:45 p.m.?	Mary has 24 nickels. How much money is that?
45 ÷ 5 = 9	20 ÷ 5 =	How many total legs are on 25 dogs.
You have a playdate in 60 minutes. How many hours is that?	In the equation 36 x 493 = 17,748, which number is the product?	36 ÷ 4 = 9

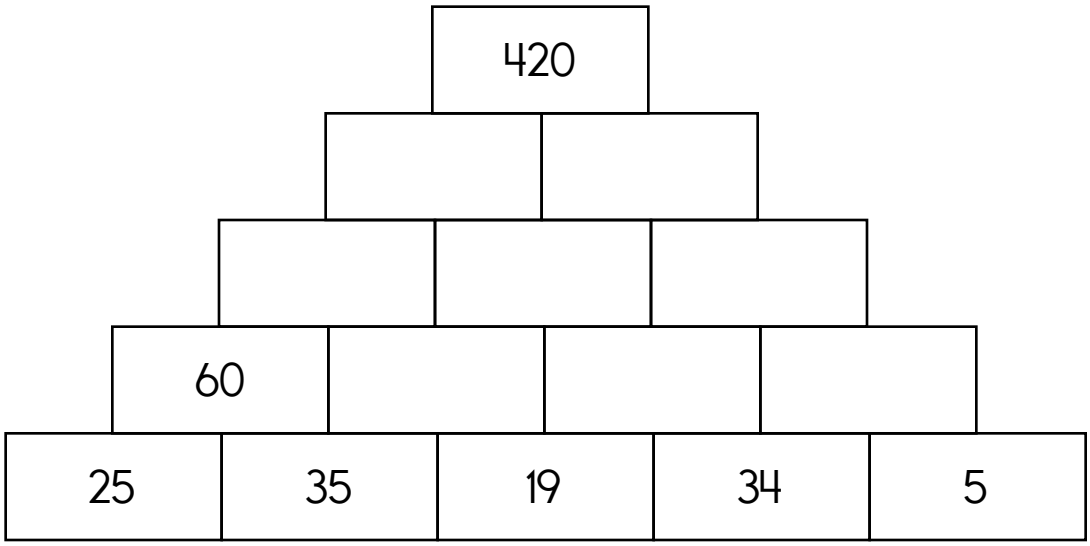
Name: _____

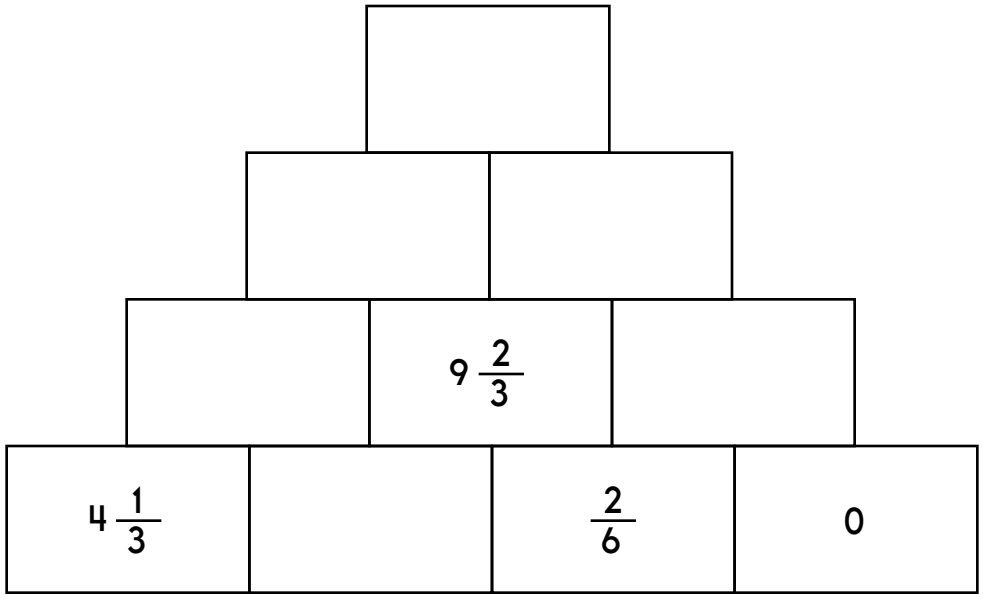
It was a beautiful Saturday. Joe and his friend Mike were bored and broke. They wanted to do something outside, but they also wanted to make some money. They decided to have a lemonade stand. They gathered up materials and set up an awesome stand. They were outside for three hours before closing their 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: _____

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





Write a word to describe April.

_____

How many 3s are in 21?

_____

$6\overline{)54}$

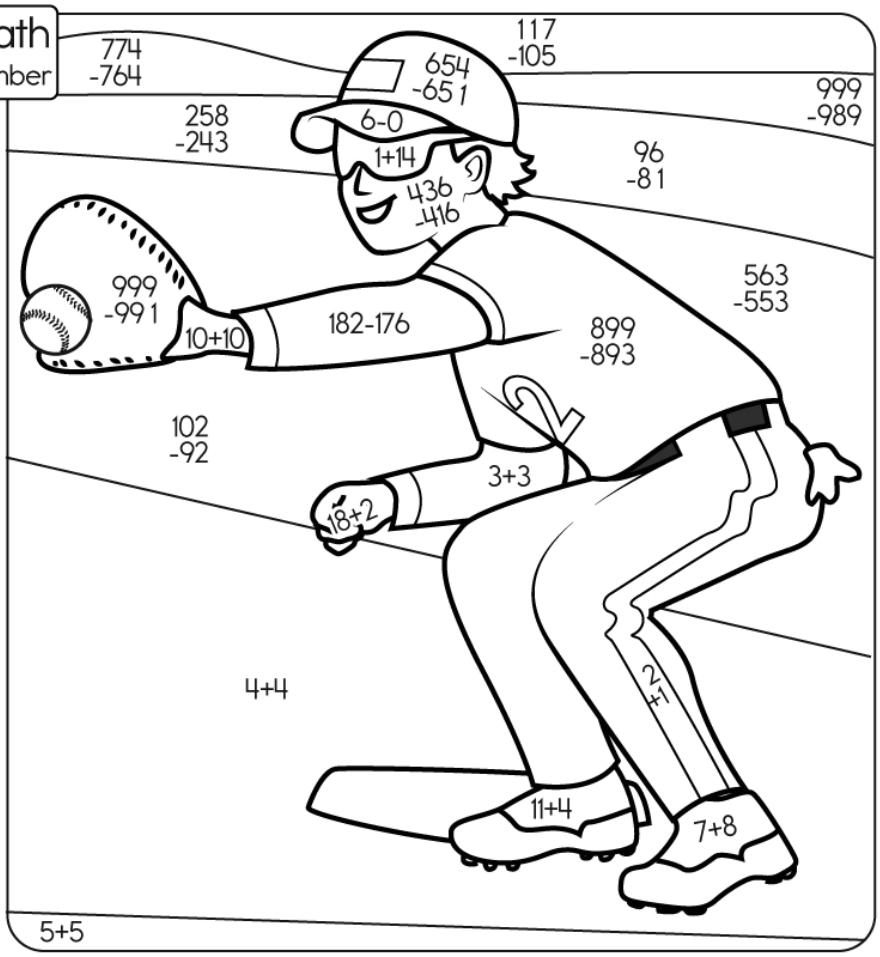
$\begin{array}{r} 12 \\ \times\ 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times\ 1 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ \times\ 8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times\ 3 \\ \hline \end{array}$

word root **dur** can mean **lasting or harden** **durable, duration**

Name: _____

Mixed Math
Color by Number

3 - red
6 - orange
8 - brown
10 - green
12 - blue
15 - gray
20- tan



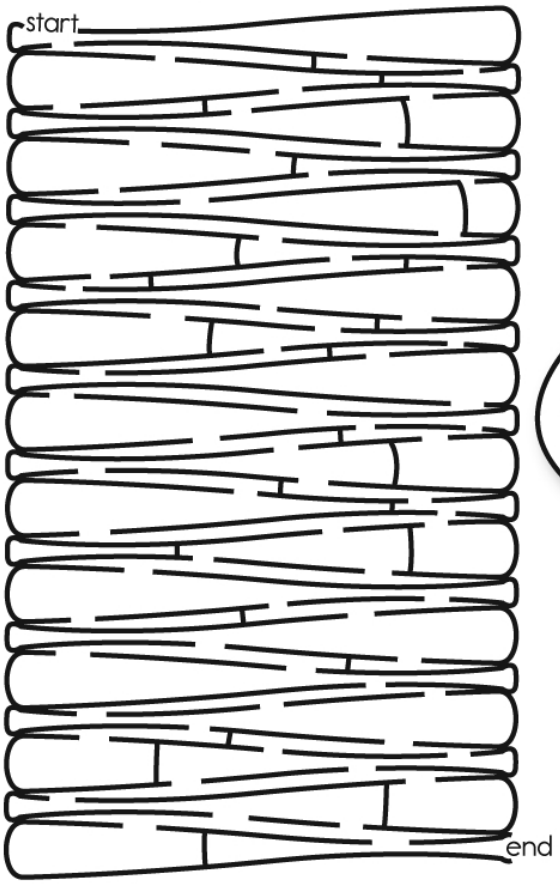
What is the missing letter for each sentence?

B__seb__ll is pl__yed in __pril.

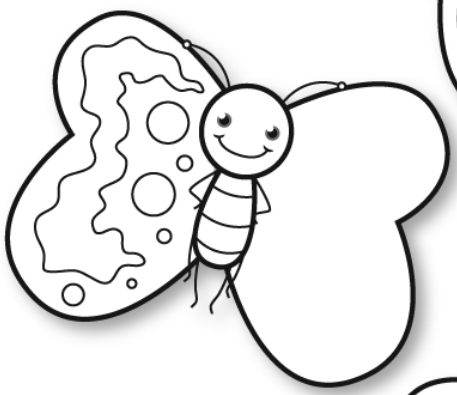
B___s lov__ to s___ ros__s.

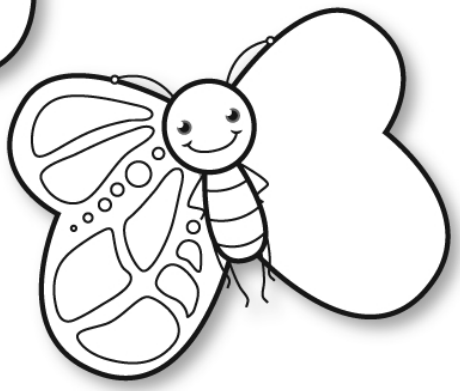
Rain dr__ps help fl__wers bl___m.

B__rds fl__p and flap the__r w__ngs __n the w__nd.



Copy then color the butterfly wings.





Name: _____

Pay the bill!

Adam needs money. He wants to get $80 in cash, so he writes a check payable to cash in this amount. Write this check.

ADAM 1759

DATE _____

PAY TO THE ORDER OF _____ $ ____

_____ DOLLARS

MEMO _____

⑆992522949⑆ ⑈6195 2⑈ 1759

Pay the bill!

Adam received a bill from Central Water for $58.93. Write the check as Adam would write it.

ADAM 1760

DATE _____

PAY TO THE ORDER OF _____ $ ____

_____ DOLLARS

MEMO _____

⑆992522949⑆ ⑈6195 2⑈ 1760

Round 1267 to the nearest hundred.

The number 86 is more than the number 7 by how much?

How many tens are in the number 76,000?

12 x 6 =

How many total legs are on 80 tigers.

Find the product of 6 and 2.

Name: _____

Pay the bill!

Rent is due. Alex needs to pay his landlord $3,500. His landlord's name is Sarah Lewis.

ALEX 1316

DATE _____

PAY TO THE ORDER OF _____ $ ____

_____ DOLLARS

MEMO _____

⑆996500977⑆ ⑈46875⑈ 1316

Pay the bill!

Alex received a bill for his cellphone from Mobile Unlimited for $67.80. Write the check as Alex would write it.

ALEX 1317

DATE _____

PAY TO THE ORDER OF _____ $ ____

_____ DOLLARS

MEMO _____

⑆996500977⑆ ⑈46875⑈ 1317

What is the least common multiple of 5 and 10?

What is the greatest common factor of 4 and 8?

What is the least common multiple of 8 and 4?

9 x 8 + 4

How many hundreds are in the number 230,000?

(10 + 5) x 7

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: _____

Connor went to the library to find a book about South Africa. He chose three books to check out. The first book was short. It only had 86 pages. The other two books were longer. One had 220 pages, and the other one had 371 pages. How many pages did the three books have in all?

Rosa went to Meriweather's Restaurant with her mother and father for dinner. As soon as they sat down at their table, the server brought them a menu and introduced himself. Rosa ordered popcorn shrimp, a baked potato, and steamed vegetables. Her mother and father both ordered steaks. Their dinner cost $41.24. Rosa's father added $8 to the cost of the meal as a tip for their server. How much did the dinner cost in all?

66 ÷ 6 - 3

double 52 =

Is 37 a composite or a prime number?

Thursday was the day for the Balance a Book on Your Nose contest. Thirty-four students entered the contest. There was the same number of boys as girls. How many boys were in the contest?

David bought a box of chocolate candy for his mother. The candy cost $3.87. David gave the clerk a twenty-dollar bill. How much change did David get?

Every day of school, Aunt Gina made 2 sandwiches for herself and each of her 3 brothers. She put 2 slices of ham in each sandwich. How many slices of ham did Aunt Gina use in 6 school days?

Name: _____

Gavin went to the shelter to find a very special dog. He wanted his very own dog he could talk to and play with and love. He found a lively black Labrador and loved him right away. He took him home, named him Mack, and built a house for him. The floor of the doghouse was four feet wide by three and two-fifths feet long. What was the total floor area of Mack's house?

Jenna was making a model of a typical Viking farm for Leif Ericson Day. It would have a house, a barn, meadows, trees, sheep, cattle, goats, and a large garden. She had planned to build her model on a 23-inch wide, 49-inch long piece of poster board, but her model grew too large. Her father cut a piece of light plywood for her model. It was three feet wide and five feet long. What is the perimeter of the plywood base?

Name the place value that is 10,000 times greater than the thousands place.

200, 210, 220, 230,

_____, 250, 260

586 + 8 =

Draw a small clock that shows 15 minutes past 8:00.

☐ I did page 17 ☐ I decided to skip this page

edHelper

Name: _____

Get a fidget spinner! Spin it. **I needed to spin _____ time(s) to finish.**

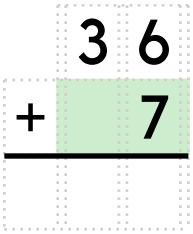
$\begin{array}{r} 76 \\ -\ 4 \\ \hline \end{array}$	2 less than 842	double 40
96, _____, 120, 132, 144, 156, 168	9 + 1 - 1 + 3	$\begin{array}{r} 466 \\ +\ 57 \\ \hline \end{array}$
How many minutes are there from 8:00 p.m. until 8:45 p.m.?	Is 32 a composite or a prime number?	Find the product of 7 and 4.
How many total legs are on 40 chickens.	Double the number 6 three times.	1 + 6 + 11

☐ I did page 18 ☐ I decided to skip this page

edHelper

Name: _____

Spin again. **I needed to spin _____ time(s) to finish.**

Write this number: 3 tens, 5 hundreds	7 - 5 + 5	If you know 89 + 22 = 111 Then what is 89 + 19?
Write this number: 5 thousands, 7 hundreds, 9 ones	double 400	
I, P, P, 8, 8, I, _____, P, 8, 8, I, P, P, 8, 8, I	7, 7, 0, 0, 0, 0, 7, 7, 0, 0, 0, 0, 0, 0, 7, 7, 0, _____, 0, 0, 0, 0, 0, 0, 7, 7, 0, 0	Anna has 29 nickels. How much money is that?
There are 4 groups of 5 rocks. How many rocks?	12 x 8 =	9 + 6 - 2

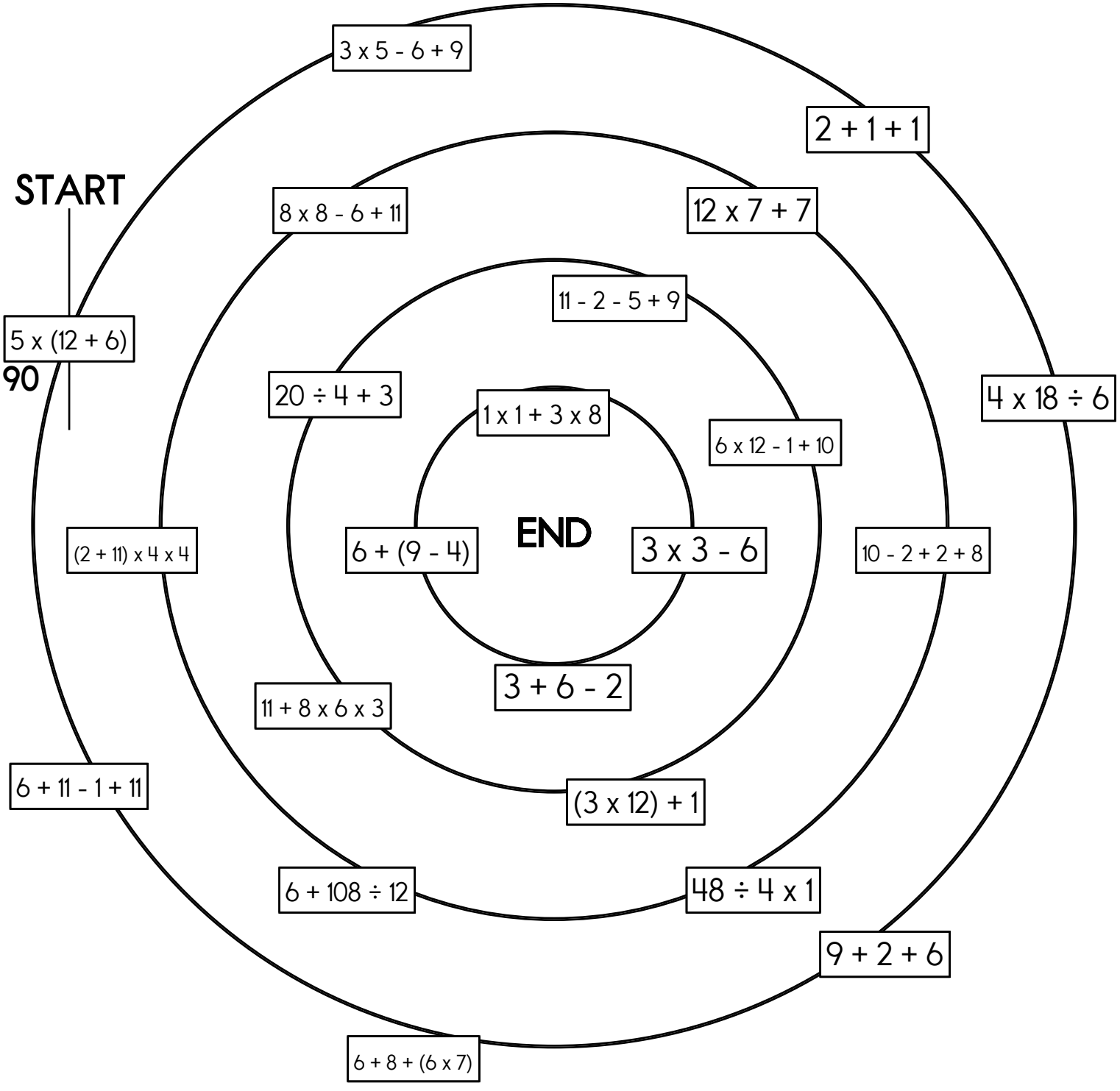
Name: _____

Draw a line from START to END.

8 208 ~~90~~

3

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



Name: _____

Cross off the number that does NOT belong.

170, 180, 190, 200, 203, 210, 220, 230, 240

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

32, 36, 40, 45, 50, 54, 56, 62, 69, 76, 84, 92, 101, 110, 120, 130, 141

Why does _____ not belong in the pattern?

Name: _____

Chad's dad owns a construction company. His team helps to create incredible buildings around town. Right now, his team has 2 different project offers. He's trying to decide which one will be most beneficial for his employees. The first one, Job A, will pay each construction worker $23 per hour for a total of 350 hours. The second job, Job B, will pay each employee $18 per hour but will take 475 hours to complete. Which job should Chad's dad choose if he wants to help his employees make the most money?

Show your work.

Name: _____

Jason is making hot chocolate for his friends. He has mugs that hold 1 pint each. He is making 3 gallons of hot chocolate. How many mugs can he fill?

Megan went to the circus with her father and mother. The best part of the circus was the clown. He could juggle and make people laugh at the same time! The tickets cost $8.58 each. How much did it cost for Megan, her father, and her mother to go to the circus?

Connor is having a cookout at his house. He likes autumn better than any other season. Every year he has a party on the first day of autumn. This year Connor's cookout begins at 6:00 p.m. It is 1:35 p.m. on the day of the party. How long will it be until the party begins?

Round the number to the place value of the BIG number.

2,575,141

_____

What is the value of the BIG digit?

883,3**5**8,499

_____

What are the first four multiples of 7?

_____

How many fourths are in 3?

_____

April cut eight slices of bologna into small pieces to use on crackers. She cut each slice into four small pieces. How many small pieces of bologna did she have?

$$\begin{array}{r} 80 \\ +\ 22 \\ \hline \end{array}$$

If K = 3, then what does K + 6 equal?

_____

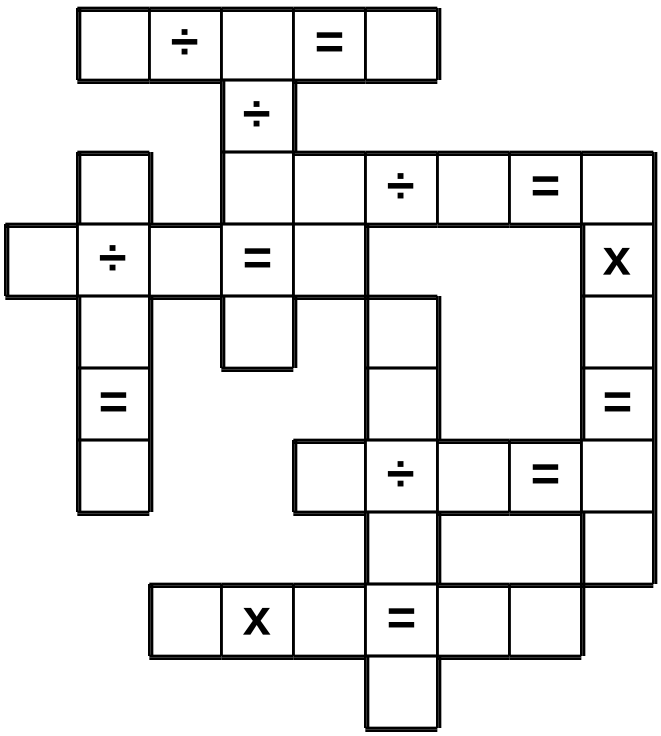
Add the correct end punctuation for this sentence.

Have you seen a black and white dog anywhere

Name: _____

3 • 1 • 3 • 0 • 1 • 8 • 9 • 2 • 0 • 1 • 0 • 2 • 1 • 2 • 8 • 7 • 0
8 • 8 • 1 • 3 • 6 • 5 • 4 • 2 • 0 • 9

Use the pieces above to help you fill in the runaway math puzzle.



Write as a decimal.
Five and four tenths

Write as a decimal.

$\frac{8}{100}$

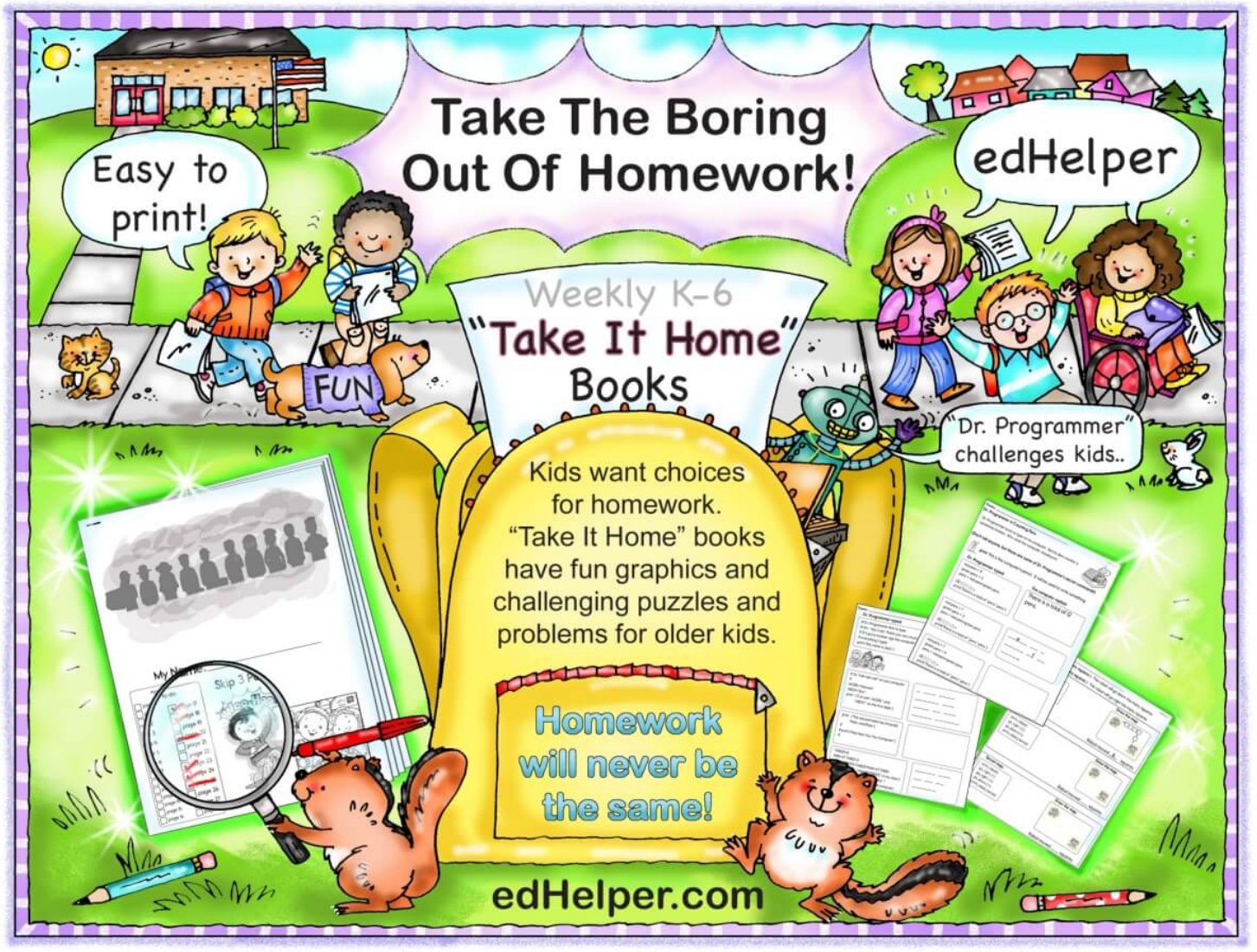
Write as a decimal.
Fifteen and twenty-two hundredths

You have a playdate in 300 minutes. How many hours is that?

45 ÷ ___ = 9

Is 47 a composite or a prime number?

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!
only $19.99 per year
More history!
Things for the classroom!
1 2 3
More science!
More puzzles!
New ideas!


Take The Boring Out Of Homework!
Easy to print!
edHelper
Weekly K-6
"Take It Home" Books
FUN
"Dr. Programmer" challenges kids..
Kids want choices for homework. "Take It Home" books have fun graphics and challenging puzzles and problems for older kids.
Homework will never be the same!
edHelper.com