

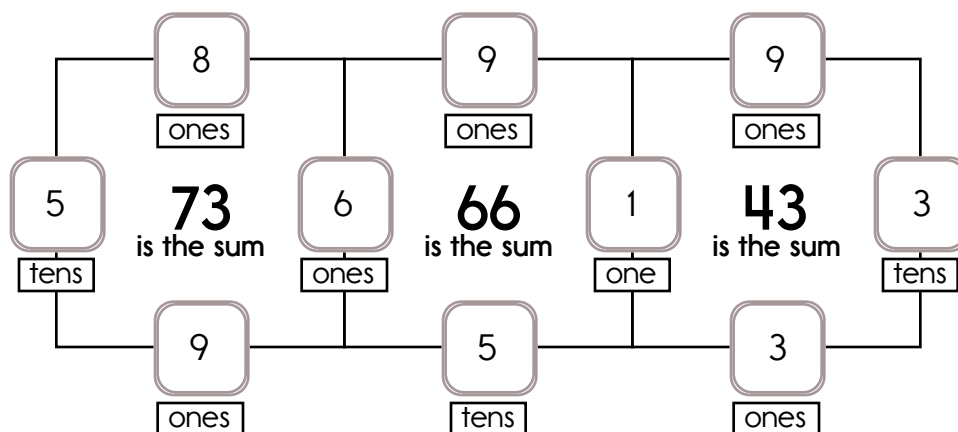
Example:

$$50 + 6 + 8 + 9 = 73$$

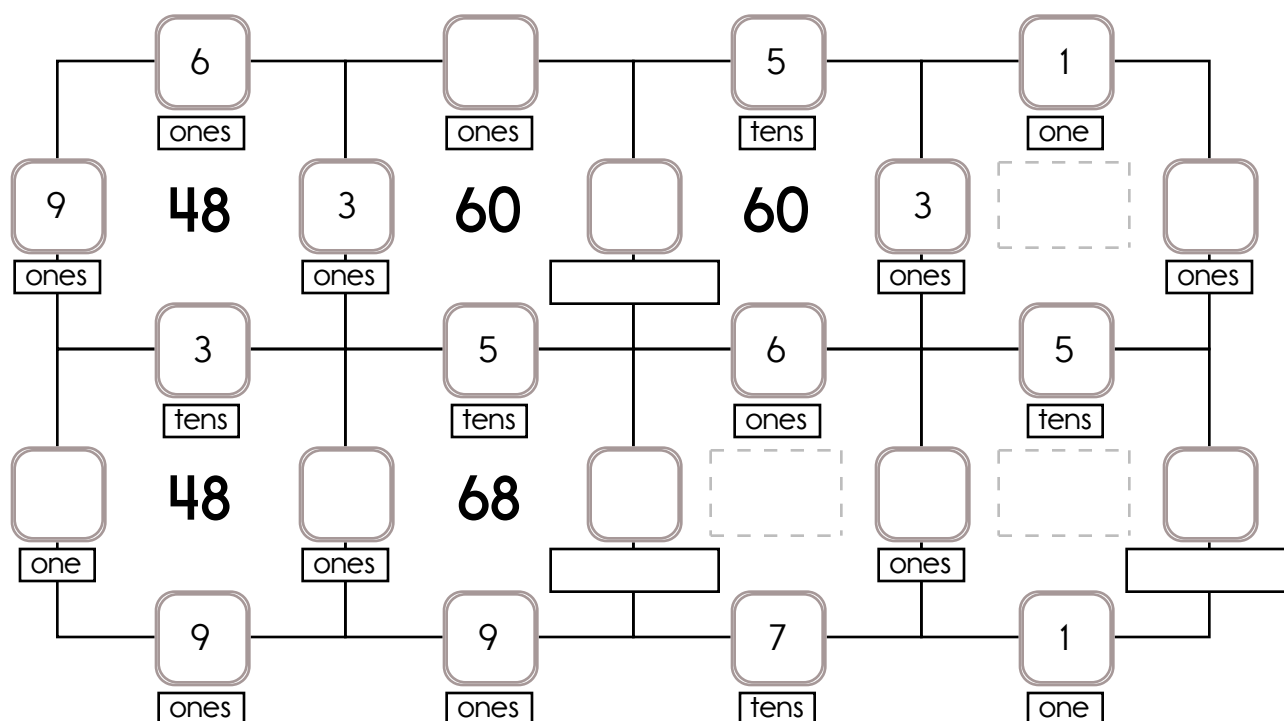
Example:

$$1 + 30 + 9 + 3 = 43$$

Sample:



The other three numbers have to all be DIFFERENT and must be from these: 3 ones, 9 ones, 6 ones, 1 one, or 8 ones.



Name: _____

The candy factory made 3,758 pounds of peanut butter fudge. What is the value of the digit 5 in 3,758?

Anne is making a St. Patrick's Day bracelet. She has a jar that holds about 120 large green beads. The jar is only about half full. Which is the most reasonable estimate of the number of beads in the jar: 5, 50, or 500?

Ava and her mother went out to lunch and shopping at the mall on No Housework Day. Ava's lunch cost \$7.62 and her mother's lunch cost \$7.53. They left \$3.49 for the server. How much did their lunch cost in all?

The number 72 is more than the number 6 by how much?

10, _____, 14, 16, 18, 20, 22, 24

How much greater is 180 than 35?

Erin collects pictures of state flowers and puts them in a scrapbook. She can put 5 pictures on each page. So far, she has filled 10 pages. How many pictures does she have?

Ms. King, our school librarian, ordered 576 new books for us. She ordered 18 books for each class. How many classes are there?

Mr. and Mrs. Anderson put together a log cabin in the mountains. The log cabin kit and all their supplies cost \$36,489. If someone else had built the cabin, it would have cost \$61,987. How much did they save by building the cabin themselves?

Name: _____

Jason 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 five feet wide by three and a half feet long. What was the total floor area of Mack's house?

Hunter bought some happy face stickers. He put them on pieces of bright green paper and wrote, "I am happy that you are part of my world." Every time he thought of it, he secretly left one of the notes. Most of the time he left the notes for strangers. It made him feel like he had a happy secret. His computer printed 16 of the notes on one sheet of paper. How many sheets of paper would he need to print 130 notes?

Anne bought six candy bars. It cost \$3.90. How much did each candy bar cost?

What is the sum of 10 and 853?

You need to add what to 57 to get 65?

There are 9 cats, 6 dogs, and 10 other kinds of pets in the Dress Up Your Pet Day parade. What is the chance that one of the dogs will win the first place ribbon?

Pluto revolves around the sun once every 248 Earth years. How many times does Pluto revolve around the sun in 4,216 Earth years?

Mrs. Jackson has 55 books for her class. There are 18 students in the class. If she gives each student the same number of books, how many books will be left over?

$$12 \times 6 =$$

If you exchange 120 dimes for dollars, then how many dollars would you get?

$$(9 \times 10) - 8$$

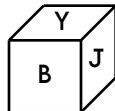
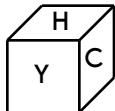
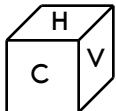
Name: _____

Amanda went to Cullowhee Café and ordered a hamburger with lettuce, tomato, and mayonnaise on it, a small order of french fries, and a large drink. The total price was \$4.76. If she pays for her meal with a 5-dollar bill, how much change will she get?

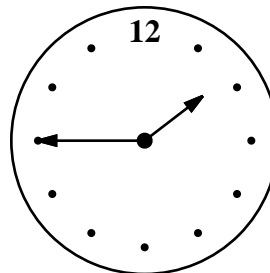
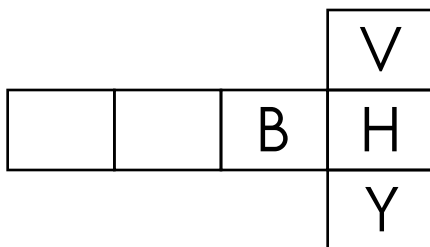
Mrs. Wilson took her best friend out for breakfast. They could choose either apple juice or orange juice to drink. They could choose bacon, ham, or sausage to have with their eggs. Make a tree diagram to show how many different combinations they can have.

The fifth grade students are having a breakfast for their parents for Children's Good Manners Month. April used a muffin pan to make 3 batches of muffins. Then she made 2 extra muffins. She made 26 muffins in all. How many muffins does the muffin pan hold?

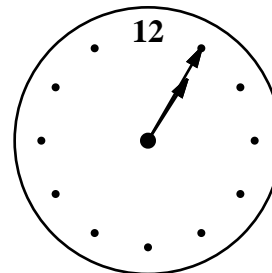
This is the look at one cube that is turned around a few times.



This pattern can be folded into the cube. Fill in the missing boxes.



current time (pm)



time party starts (pm)

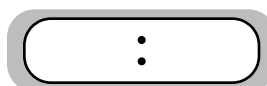
How long until the party? _____

Add the correct end punctuation for this sentence.

Her grandmother was born in Warsaw, Poland

If thirty-six crayons are divided into nine equal rows, how many crayons are in each row?

You ask Hannah for the time. She says it is half-past 7. Write the time on your digital clock:



Name: _____



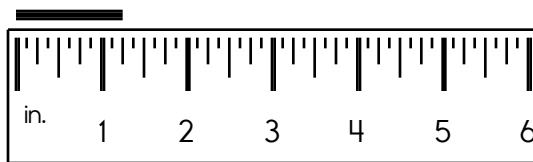
Write this number using words.

Write the number for
nine thousand, sixty-eight.

$$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

Write the length in inches.



$$\begin{array}{r} 89 \\ - 54 \\ \hline \end{array}$$

What is the mode of these
numbers?

21, 28, 19, 25, 25, 17, 28, 22, 20,
26, 26

Fill in the blanks with
these numbers:

6, 6, 8

$$\begin{array}{r} - \quad \boxed{} \quad 5 \\ \hline \end{array}$$

2 1

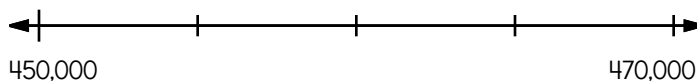
Fill in the blanks with
these numbers:

7, 1, 6

$$\begin{array}{r} - \quad 4 \quad \boxed{} \\ \hline \end{array}$$

2 6

Locate where to put the number 460,000
and label the point D.



Write 376 in expanded
notation.

$$91 + 7 = \underline{\hspace{2cm}}$$

☐ igrue


☐ agreea

☐ agree

☐ ugrue

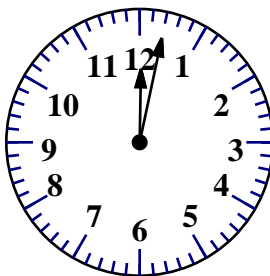
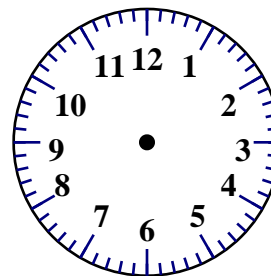
If $\square = 5$, then $7 + \square = \underline{\hspace{2cm}}$

Name: _____

Calculate the sum of 5, 20, and 5. _____	Write the length in centimeters. _____ 	$\begin{array}{r} 76 \\ + 11 \\ \hline \end{array}$
---	---	---

Write an even number with an eight in the hundreds place. _____	$15 - 4 = \underline{\hspace{2cm}}$
--	-------------------------------------

Which is smaller, $\frac{1}{3}$ or $\frac{3}{6}$? _____	List the first four multiples of 11. _____	$5 \overline{)20}$
---	---	--------------------

The factors of 8 are ____ 2 4 ____	 	
What is the homophone of this word? be _____		
	current time	20 minutes later

Fill in the missing fractions. _____, $\frac{3}{8}$, $\frac{4}{8}$, _____	Write two odd numbers that when added together equal the even number 30. _____	<input type="radio"/> braag <input type="radio"/> brag <input type="radio"/> breg <input type="radio"/> brug
--	---	---

What is the value of the BIG digit? 3,984, 3 57 _____	Which is longer: two feet or thirty inches? _____
--	--

Name: _____

$$\begin{array}{r} 8,790 \\ - 2,759 \\ \hline \end{array}$$

$$\begin{array}{r} 9,491 \\ - 3,262 \\ \hline \end{array}$$

$$\begin{array}{r} 6,026 \\ + 2,735 \\ \hline \end{array}$$

$$\begin{array}{r} 80,452 \\ + 8,690 \\ \hline \end{array}$$

$$\begin{array}{r} 92,515 \\ + 6,649 \\ \hline \end{array}$$

$$\begin{array}{r} 38,959 \\ - 5,388 \\ \hline \end{array}$$

$$\begin{array}{r} 41,460 \\ - 6,033 \\ \hline \end{array}$$

$$\begin{array}{r} 40,360 \\ - 1,766 \\ \hline \end{array}$$

$$\begin{array}{r} 71,044 \\ - 6,275 \\ \hline \end{array}$$

$$\begin{array}{r} 2,175 \\ + 1,547 \\ \hline \end{array}$$

$$\begin{array}{r} 3,740 \\ + 3,829 \\ \hline \end{array}$$

$$\begin{array}{r} 6,768 \\ + 7,291 \\ \hline \end{array}$$

$$\begin{array}{r} 88,285 \\ + 40,789 \\ \hline \end{array}$$

$$\begin{array}{r} 78,194 \\ + 35,708 \\ \hline \end{array}$$

$$\begin{array}{r} 121,290 \\ - 82,913 \\ \hline \end{array}$$

$$\begin{array}{r} 12,318 \\ - 7,641 \\ \hline \end{array}$$

$$\begin{array}{r} 3,447 \\ + 7,210 \\ \hline \end{array}$$

$$\begin{array}{r} 15,344 \\ - 9,254 \\ \hline \end{array}$$

$$\begin{array}{r} 8,500 \\ + 1,238 \\ \hline \end{array}$$

$$\begin{array}{r} 9,564 \\ - 3,172 \\ \hline \end{array}$$

$$\begin{array}{r} 6,590 \\ + 7,697 \\ \hline \end{array}$$

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

$$\begin{array}{r} + 5 \\ \hline \square \end{array}$$

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

$$\begin{array}{r} + 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} - 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 24 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 2 \\ \hline \square \end{array}$$

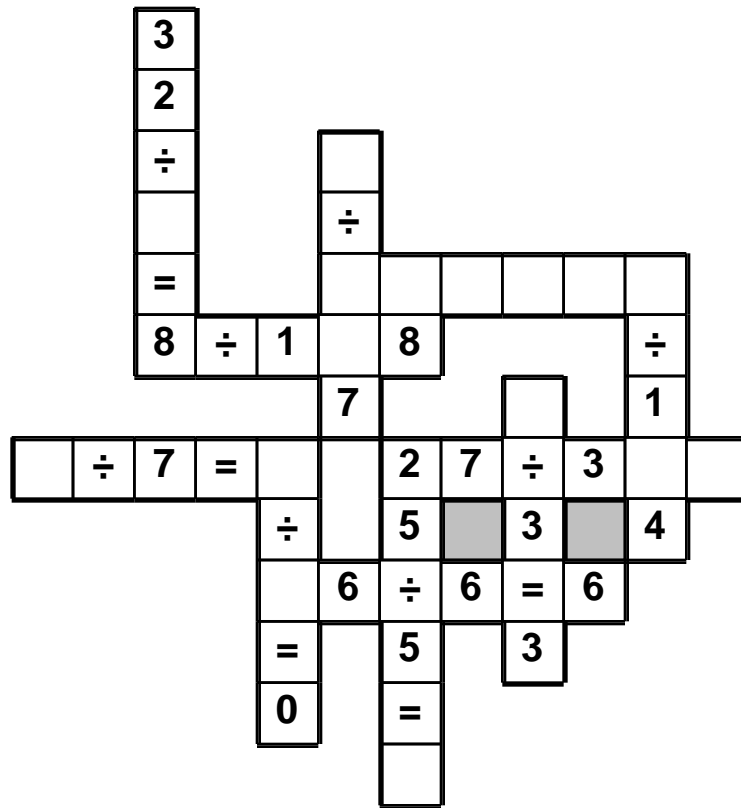
$$\begin{array}{r} - 8 \\ \hline \square \end{array}$$

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

$$\begin{array}{r} 17 \\ + \square \\ \hline \end{array}$$

22

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



The diagram illustrates the addition of two 2x2 grids. The first grid has the top-left cell shaded. The second grid has the top-right and bottom-right cells shaded. The result grid has the top-left, top-right, and bottom-right cells shaded.

$$\underline{\hspace{1cm}} - 10 + 4 = 20$$

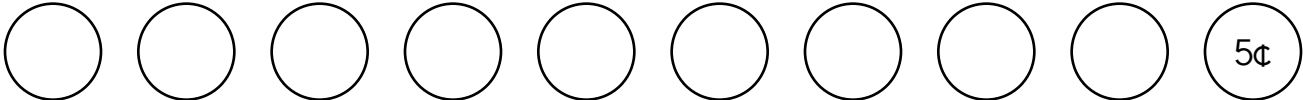
Circle the relative adverb.
why, until, if, so

Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

David has \$70.13. He has 6 bills and 10 coins. How?

			\$20	



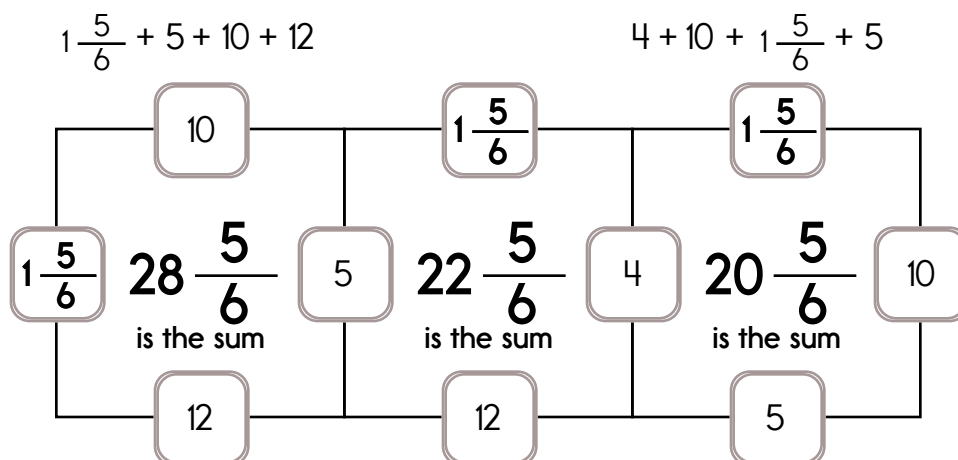
Pam has \$80.15. She has 6 bills and 18 coins. How?

Jack has \$37.17. He has 6 bills and 15 coins. How?

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

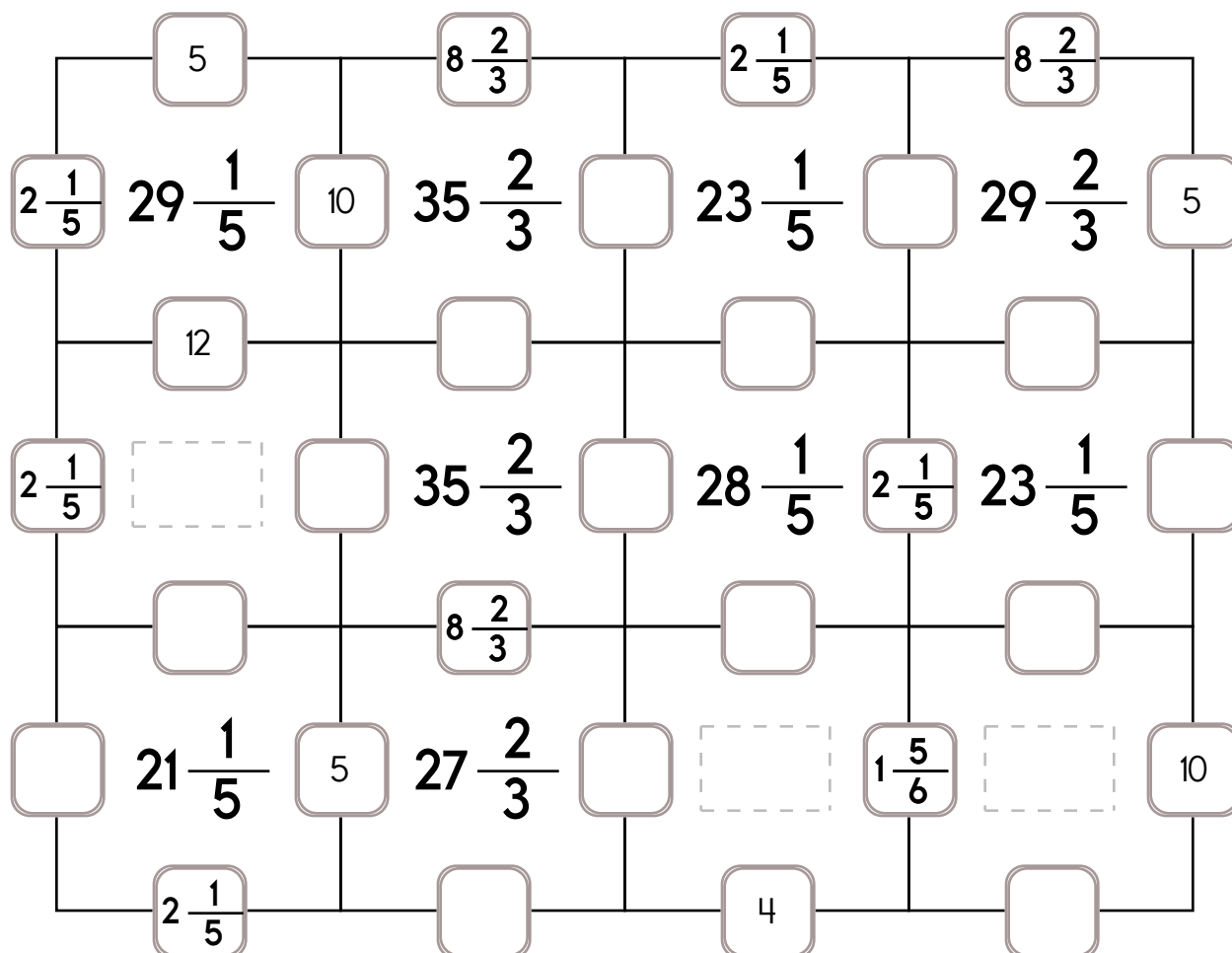
Sample:



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: $8\frac{2}{3}$, $2\frac{1}{5}$, or $1\frac{5}{6}$.

The other three numbers have to all be DIFFERENT and must be from these: 4, 5, 10, or 12.



Name: _____

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: $9\frac{5}{9}$, $\frac{1}{2}$, or $5\frac{7}{8}$.

The other three numbers have to all be DIFFERENT and must be from these: 11, 5, 6, or 8.

	$9\frac{5}{9}$		$5\frac{7}{8}$		5			
8	$28\frac{5}{9}$	5	$29\frac{7}{8}$		$22\frac{1}{2}$	$\frac{1}{2}$		6
	6							
$5\frac{7}{8}$	$27\frac{7}{8}$		$33\frac{5}{9}$		$27\frac{7}{8}$	$5\frac{7}{8}$	$24\frac{7}{8}$	6
			$9\frac{5}{9}$					
	$24\frac{1}{2}$		$34\frac{5}{9}$		$31\frac{5}{9}$	$9\frac{5}{9}$	$33\frac{5}{9}$	
	$\frac{1}{2}$							
	$22\frac{1}{2}$		$29\frac{7}{8}$	$5\frac{7}{8}$	$24\frac{7}{8}$		$27\frac{7}{8}$	
							$5\frac{7}{8}$	
	$29\frac{7}{8}$		$22\frac{1}{2}$					
	$5\frac{7}{8}$		$\frac{1}{2}$		$\frac{1}{2}$			

	5	3
X		9
<hr style="border: 1px solid black;"/>		

	4	4
X		4

	9	2
X		3

	7	3
X		5

	5	4
X		5
<hr/>		

	7	2
X		9

	7	3
X		8

	9	9
X		7

	5	5
X		6

	6	4
X		7

A 4x4 grid with a staircase pattern of shaded cells. The shaded cells are at (row, col): (1,4), (2,4), (3,3), (3,4), (4,2), (4,3), (4,4). The cell at (3,3) contains the letter 'X'.

	2	0
X		8
<hr/>		

	1	6
X		9
<hr/>		

	5	0
X		4
<hr/>		

	9	6
X		3
<hr/>		

	9	0
X		6
<hr/>		

	9	3
X		5
<hr/>		

	3	9
X		6
<hr/>		

	8	0
X		2
<hr/>		

	3	8
X		9
<hr/>		

	2	9
X		2
<hr/>		

10000

		3	8
X	7	6	

A 3D bar chart illustrating the frequency of outcomes for two events, X and Y. The horizontal axis represents outcomes 1, 2, 3, and 4. The vertical axis represents frequency. The chart shows two rows of bars: one row for event X (with values 5, 4, 9) and one row for event Y (with values 1, 4, 3). The bars are colored in shades of red and pink.

A 3D bar chart illustrating the joint probability distribution for two discrete random variables, X and Y . The horizontal axis represents the value of X (1, 2, 3) and the vertical axis represents the value of Y (1, 2, 3). The height of each bar indicates the frequency of the outcome (X, Y) . The frequencies are: $(1,1)=1$, $(1,2)=2$, $(1,3)=3$, $(2,1)=2$, $(2,2)=4$, $(2,3)=2$, $(3,1)=1$, $(3,2)=2$, and $(3,3)=1$.

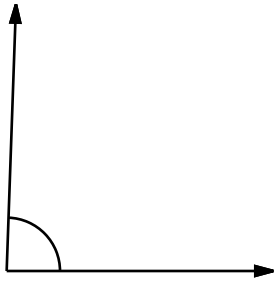
8 1

X 9 1

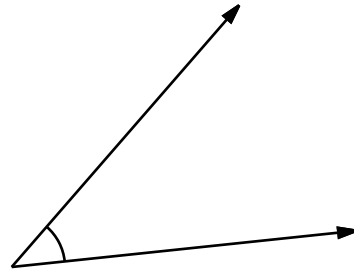
Name: _____

How large is the angle? First, make a guess and write your estimate in degrees.
Then, actually measure it to see how close your guess was.

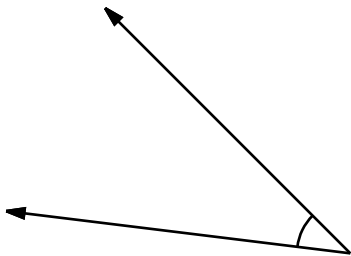
Hint: Try guessing between
76 and 95 degrees.



Guess first: _____ Measure: _____



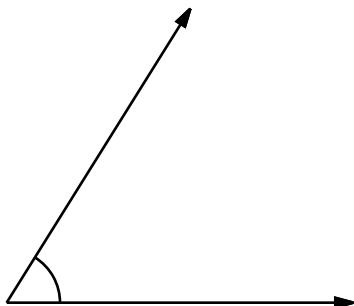
Guess first: _____ Measure: _____



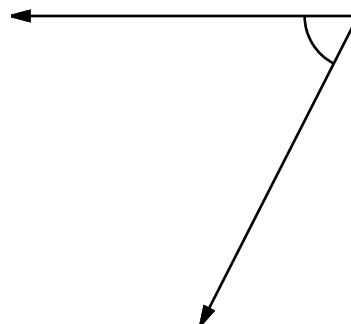
Guess first: _____ Measure: _____



Guess first: _____ Measure: _____



Guess first: _____ Measure: _____



Guess first: _____ Measure: _____

Name: _____

	1	9
X		2
<hr/>		

	5	9
X		5
<hr/>		

	4	1
X		8
<hr/>		

	2	2
X		6
<hr/>		

	6	0
X		5
<hr/>		

	1	8
X		9
<hr/>		

	5	9
X		3
<hr/>		

	5	1
X		8
<hr/>		

	2	5
X		6
<hr/>		

	6	2
X		3
<hr/>		

		3	4
	X	1	7
<hr/>			
<hr/>			

		4	8
	X	1	5
<hr/>			
<hr/>			

		5	1
	X	8	3
<hr/>			
<hr/>			

		2	3
	X	2	8
<hr/>			
<hr/>			

		8	9
	X	2	3
<hr/>			
<hr/>			

		1	8
	X	5	9
<hr/>			
<hr/>			

		5	1
	X	8	5
<hr/>			
<hr/>			

		7	6
	X	2	1
<hr/>			
<hr/>			

Name: _____

	7	1
X		6
<hr/>		

	5	0
X		4
<hr/>		

	8	9
X		9
<hr/>		

	1	5
X		5
<hr/>		

	3	2
X		2
<hr/>		

	3	5
X		3
<hr/>		

	7	6
X		8
<hr/>		

	8	4
X		7
<hr/>		

	9	7
X		6
<hr/>		

	3	6
X		7
<hr/>		

		8	8
	X	2	1
<hr/>			
<hr/>			

		6	7
	X	8	2
<hr/>			
<hr/>			

		1	6
	X	8	5
<hr/>			
<hr/>			

		8	7
	X	4	8
<hr/>			
<hr/>			

		8	7
	X	7	1
<hr/>			
<hr/>			

		5	7
	X	4	0
<hr/>			
<hr/>			

		5	5
	X	2	7
<hr/>			
<hr/>			

		1	3
	X	9	8
<hr/>			
<hr/>			

Name: _____

Jane started working on homework at 5:30 and finished the assignment at 6:15. How long did Jane work on homework?

- A) 45 minutes
- B) 15 minutes
- C) 39 minutes

Which number comes between 4.38 and 4.51?

- A) 4.25
- B) 4.43
- C) 4.06

$4.8 - 2.7 =$

- A) 2.1
- B) 2.5
- C) 8.1
- D) 6;0;1

Which of these is 1,000 grams?

- A) 10 milligram
- B) 100 kilograms
- C) 1 centigram
- D) 1 kilogram

Which answer is another way to represent 15?

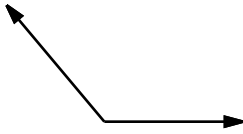
- A) 1 tens and 5 ones
- B) 5 tens and 9 ones
- C) 1 ones and 5 tens

How many millimeters are in three centimeters?

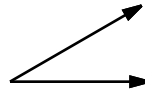
- A) 30,000
- B) 3,000
- C) 300
- D) 30

Name: _____

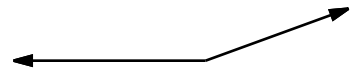
Circle the type of angle.



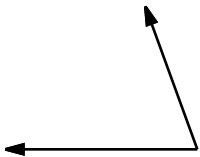
right angle
acute angle
obtuse angle



right angle
acute angle
obtuse angle



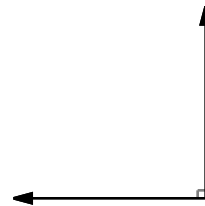
right angle
acute angle
obtuse angle



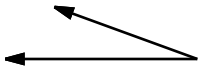
right angle
acute angle
obtuse angle



right angle
acute angle
obtuse angle



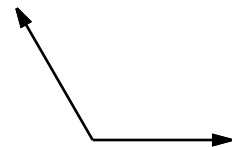
right angle
acute angle
obtuse angle



right angle
acute angle
obtuse angle



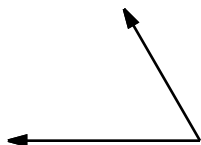
right angle
acute angle
obtuse angle



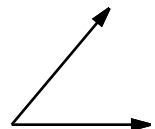
right angle
acute angle
obtuse angle



right angle
acute angle
obtuse angle



right angle
acute angle
obtuse angle



right angle
acute angle
obtuse angle

Name: _____

Draw a line from START to END.

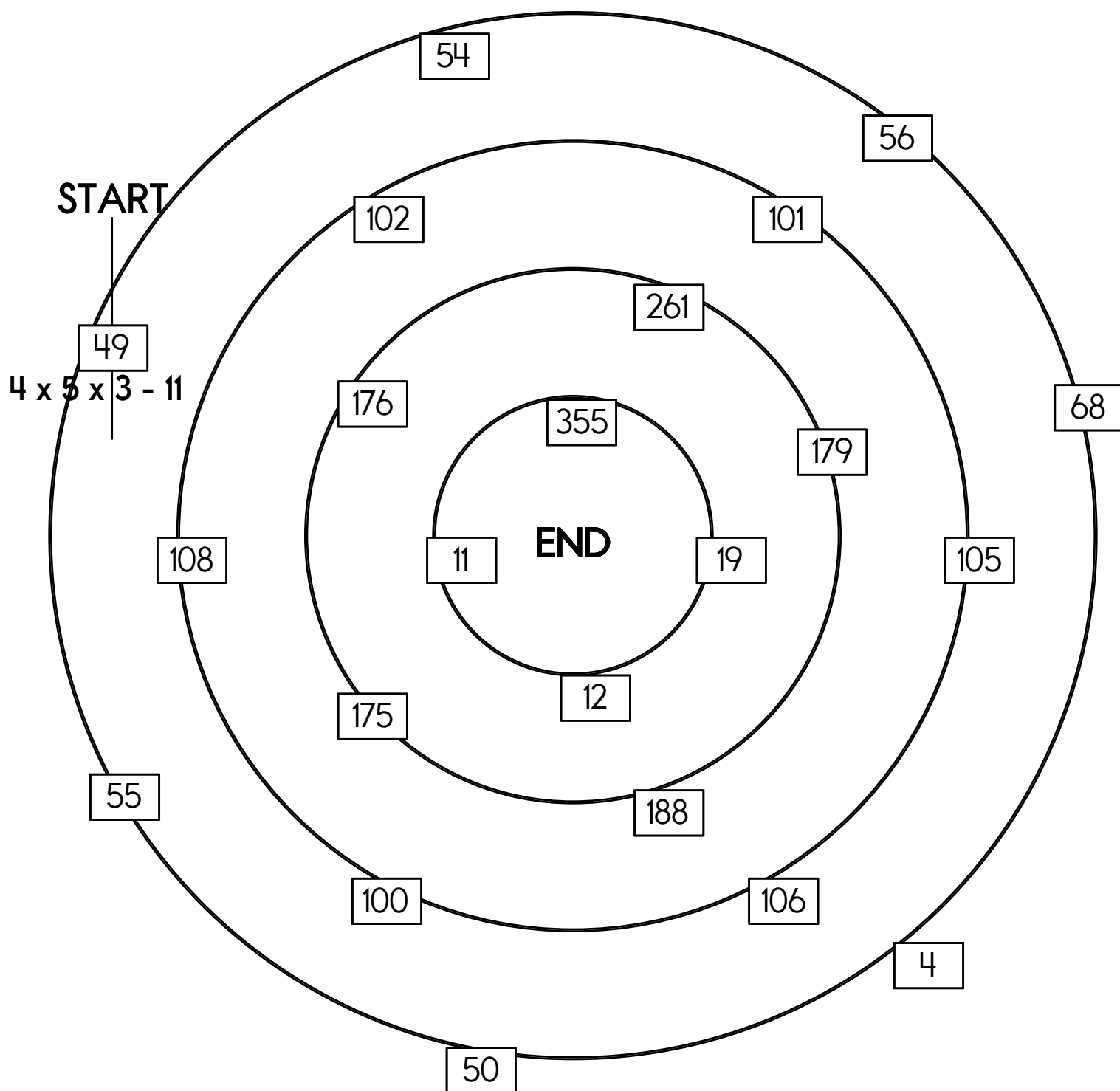
$$9 + 1 \times 2$$

$$114 - 14$$

$$221 - 46$$

~~$$4 \times 5 \times 3 - 11$$~~

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



Name: _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

P A M N E S T B L I M P
L C F E Q U A T I O N
U U O S E A S H O R E S
S P X L E D R I V E R S
C O N G R A T U L A T E
G R A N D M O T H E R G
S E C R E T S W I S E O
S L A M C H I M N E Y T

Write the words found.

GOT	CONGRATULATE	
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

F I X T E M P O R A R Y
S T R A W B E R R I E S
S S T R E M A I N
U D O T R B E D R O O M
R O U E A R D O B U T B
E N T A I O S L E E P U
L E H M N W T O S U M G
Y U N D E R G R O U N D

Write the words found.

UNDERGROUND	BUG	
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Name: _____

s u t e q u a t i o n r a a b
l o e m d r p l u s n u i i u
e s a p o r i v e r s a m g g
e m m d o n e i e o o m s e u
p b e d r o o m o l r m o o s
e r e m a i n o l e d r u f l
w y b e s e c r e t s f t i a
i e u s o g g r o w f o h x m
s n t u t o o a o s s x v u i
e e s m e s t c h i m n e y n
s e a s h o r e s n e s t v a
t r a i n e b l i m p r c u p

How many of the words can you find from the previous page?

Name: _____

Use each of the blocks to spell four different words.
Hint: Use the words those and send.

S

E

O

P

P

E

S

N

S

E

H

T

N

N

N

D

1.		H				2.			N	N	Y
3.	T	H	O			4.	S	E	N	D	

Draw one line to find two words in each puzzle. The bold letters start each word.
You can move left, right, up, or down. Write the two words that you find.

E N U R A U C X
X U T T Y **B** K V
T O O R R Q E T
A V M O U W S F
E N D **P** X O J A
A A E A Z A E Z
P S I T K C Z O
F X W E U A I G

E P E T T R E H
E E A N **S** T E W
H G O O A **R** Q Q
M I N C C U O O
A N U E S Z X I
I H B T I U J H
U S O R A A A Q
I U N H I C U I

O S E V I A Y E
D E U Q H U N R
U V U V E I A X
H U N R L F E L
O I L V O T N T
S E A C **C** T O K
S M T N Y E N O
H T L M U C U **H**

Try to spell some words.

ove • ok • ay • dd • sta • te • de • sta • and • gr
ri • ep • ro • le • to • br • rt • ad • mp • g • pr
ro • mi • no • sle

bring _____



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x
+ =
- ÷
< >

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