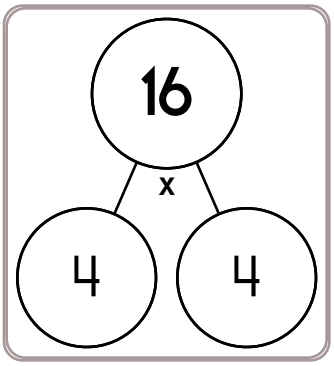
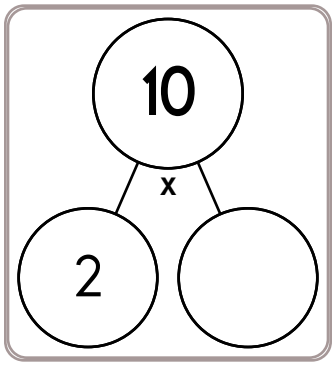
Name: _____

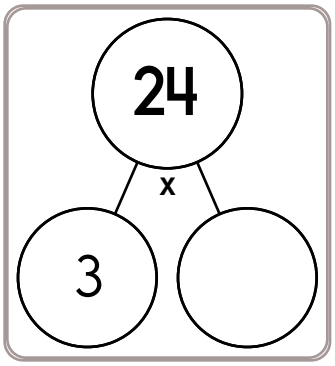
Anne wanted to clean out her fish tank. Her fish tank was 2.2 feet long, 1.7 feet deep and 1.3 feet wide. Eighty-seven percent of the volume of the tank was filled with water. What was the volume of the part of the tank that was not filled with water? Round your answer to the nearest hundredth.	According to the polar bear census taken in the Alaskan Native Wildlife Refuge, there were 35 polar bears born last month. Of that number, 20 were female and the rest were male. What is the ratio of females to males? (Express your answer as a fraction in lowest terms.)	Jacob works at Tulips and More after school. He is paid $6.50 per hour. He worked $1\frac{1}{2}$ hours on Monday, $2\frac{2}{3}$ hours on Tuesday, 4 hours on Wednesday, $2\frac{1}{4}$ hours on Thursday, and 45 minutes on Friday. How much will he be paid this week?
Each of the sea monkey tanks holds $\frac{3}{5}$ gallon of water. A sea monkey needs $\frac{1}{10}$ gallon of water to be healthy. How many sea monkeys will thrive in a $\frac{3}{5}$ -gallon tank?	Ms. Miller purchased $2\frac{1}{4}$ pounds of frozen peas, $\frac{3}{8}$ pound of frozen corn, $2\frac{1}{3}$ pounds of frozen broccoli, and $1\frac{3}{5}$ pounds of frozen carrots. The vegetables were all on special for $0.99 per pound. What was the total cost of the vegetables?	The Easy to Go Company makes pasta dishes to go in TV dinners. They use fusilli, linguini, rotini, and spaghetti pastas. They add marinara sauce, meat sauce, or Alfredo sauce to the pastas. How many different combinations can they make?

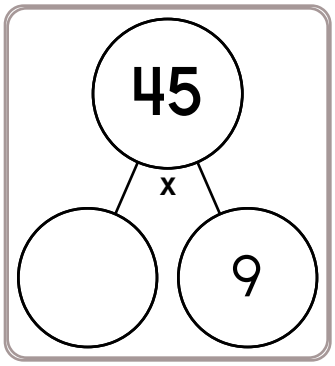
Name: _____

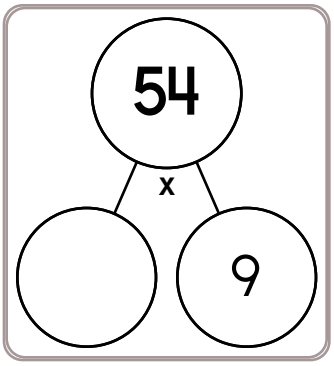
324 ÷ 6 =	546 ÷ 7 =
78 ÷ 39 =	57 ÷ 3 =
531 ÷ 9 =	712 ÷ 8 =
188 ÷ 4 =	198 ÷ 99 =

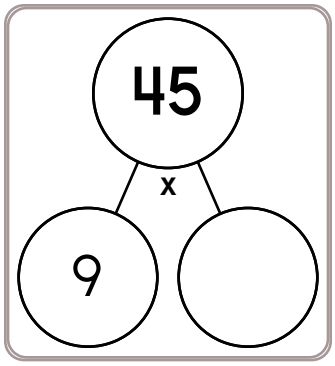


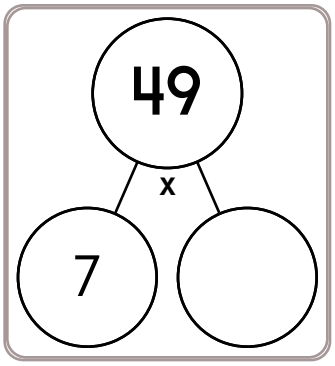


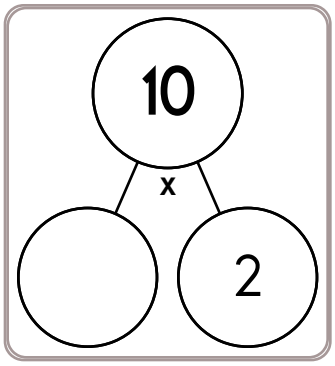












$3\overline{)15}$ $8\overline{)56}$ $7\overline{)21}$ $2\overline{)16}$

Name: _____

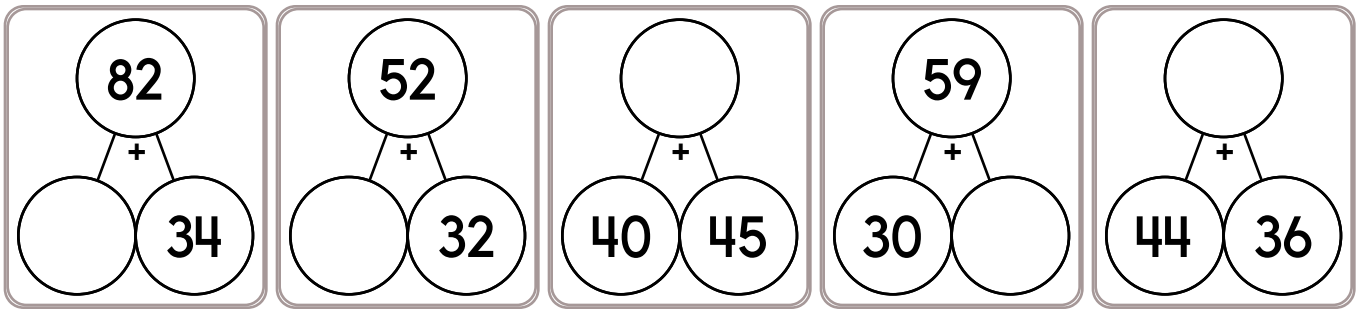
Bell Insurance Co. told Mr. Rodriguez that they have a special life insurance policy for people who do not smoke. That is because the life span of smokers is about 64 years, but for non-smokers it is about 82 years. What is the ratio of the expected life span on smokers to non-smokers? (Express your answer as a fraction in lowest terms.

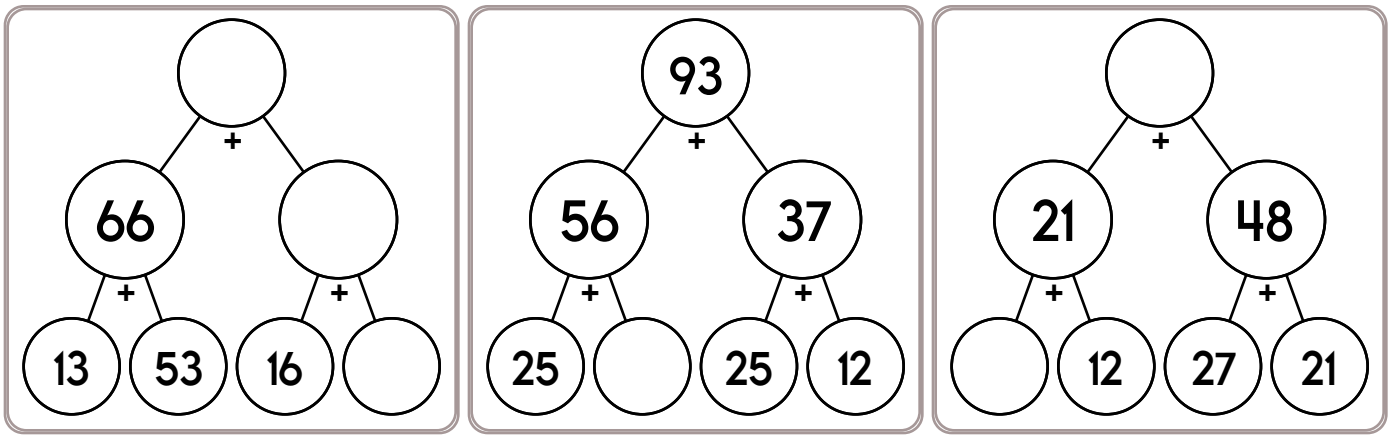
According to the Modern Language Association, there are 1,643,838 speakers of French in the United States, including those who speak only the Cajun or Patois dialects. If 95% speak no Cajun or Patois, how many people speak one or both of the dialects?

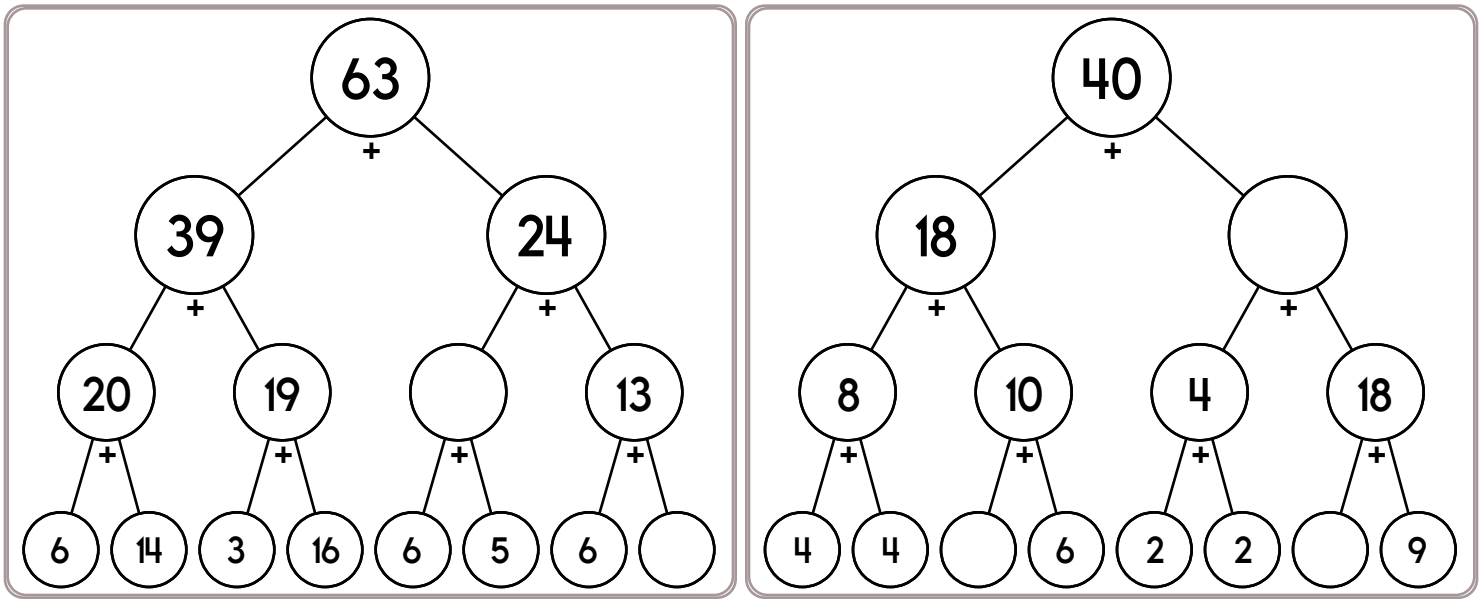
Jen is really into science. She invented a robotic bug that burps. Her brother loves it, so she wanted to burp her brother today. She checked her phone, and her brother is currently 3.5 miles away. After she set the coordinates on the phone the robotic bug left. She got a burp confirmation 322 seconds later when it reached her brother. How fast did this burping bee travel in miles per hour?

What is 9% of 45?

Name: _____







Find the difference between 312 and 160.

Find the difference between 955 and 920.

$$\begin{array}{r} 9\,1{,}2\,7\,2 \\ -\;\;2\,2{,}2\,3\,2 \\ \hline \end{array}$$

word root **hyp** can mean **under** **hypodermic, hypotension**

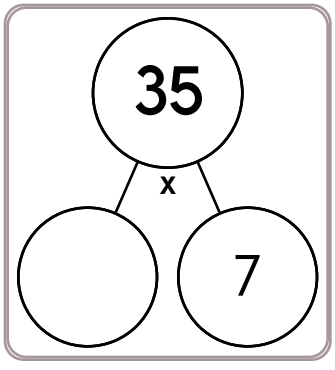
Name: _____

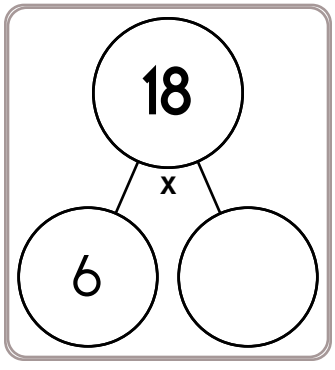
MAD MINUTES

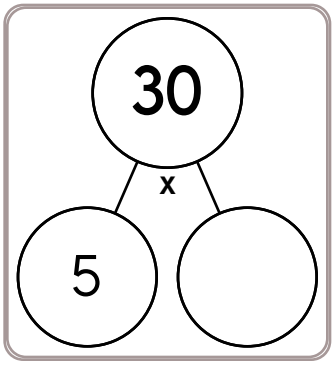
15 ÷ 3 =	35 ÷ 7 =	36 ÷ 9 =
18 ÷ 3 =	72 ÷ 9 =	32 ÷ 8 =
48 ÷ 8 =	18 ÷ 9 =	6 ÷ 2 =
14 ÷ 7 =	8 ÷ 4 =	56 ÷ 8 =

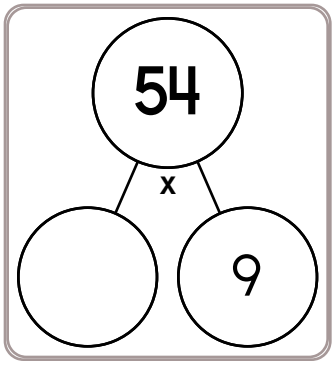
$8\overline{)704}$ $10\overline{)80}$ $92\overline{)552}$ $42\overline{)126}$

$23\overline{)69}$ $9\overline{)333}$ $31\overline{)155}$ $9\overline{)792}$









15	96	32	22	24	46
- 8	- 9	- 2	- 7	- 8	- 4

Name: _____

If a rubber band can be stretched to a circular shape that has a radius of 3.1 inches. How many 1.2-mm diameter toothpicks of could fit within it? (1 inch = 25.4 mm)

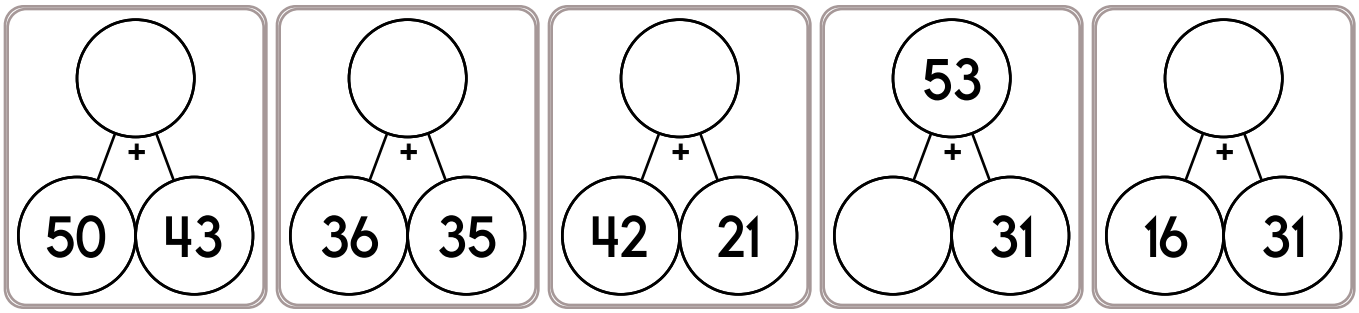
In 2005, Hailu Negussie of Ethiopia won the Men's Open with a time of 2:11:45. Catherine Ndereba of Kenya won the Women's Open with a time of 2:25:13. How much faster was Negussie's time?

The area of a square is 24.01 square inches. What is its perimeter?

Max took a big bowl from the kitchen to see what kind of fun party mix he could create.

He added $\frac{3}{8}$ cup of raisins, $\frac{1}{2}$ cup of pretzels, and $\frac{1}{5}$ cup of Goldfish crackers. How much food is now in the bowl?

Name: _____



Find the difference between 20.1 and 13.9.

0.57 + 4.6 =

$$\begin{array}{r} 3.2 \\ -\,2.71 \\ \hline \end{array}$$

If n = -9 and j = 43 then what is 7n + 13j - 3j = ?

$\frac{4}{8} \times \frac{2}{8}$

$7 \times 7 = x^2$

What is the value of x?

Simplify.

$\frac{84}{210} =$

t - 8 + t = 22
What is the value of t?

4 + (117 ÷ 9) - 64 ÷ 8 =

|-15| - v = 18

v =

Rewrite $\frac{17}{25}$ as a decimal.

36 ÷ 4 - 6

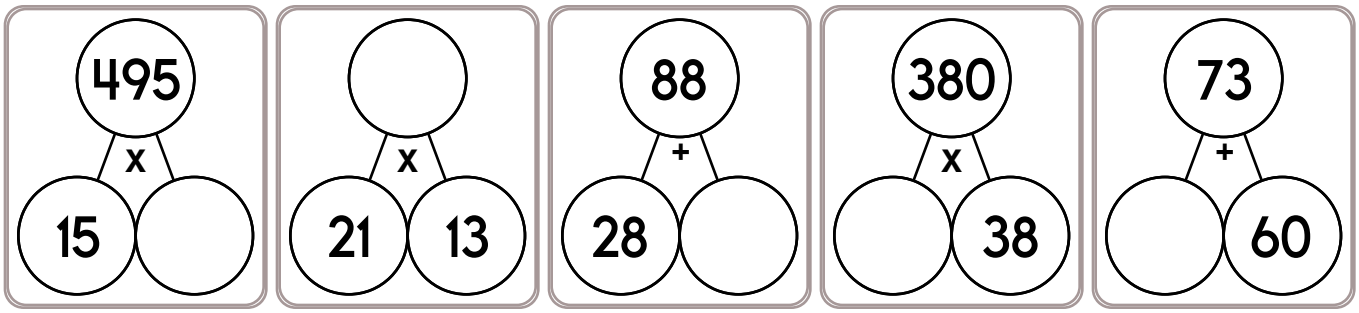
Name: _____

x 3 2	x 3 9	x 5 6	x 9 4
x 4 8	x 5 6	x 3 3	x 9 2

8 x ___ = 56	___ x 6 = 24	3 x ___ = 27
___ x 5 = 15	4 x ___ = 36	___ x 9 = 63
5 x ___ = 15	___ x 9 = 18	8 x ___ = 72
2 x ___ = 10	___ x 8 = 16	___ x 4 = 32

36 x 2 =	57 x 6 =	17 x 5 =
66 x 9 =	92 x 9 =	53 x 3 =
25 x 7 =	50 x 7 =	55 x 8 =
84 x 2 =	72 x 8 =	29 x 4 =

Name: _____



If a = 9 and b = 53.4,
then
2a + b - a =

2 x 11 - 4 + 3 - 6

7x - 26.4 = 36.6

x =

Write as an algebraic expression.

$\frac{65}{11}$ multiplied by the difference of x and d

Rewrite as an algebraic expression or equation.

Six thousand, four hundred forty-three minus the product of n and 47.7.

What is the mode of the following number set?

97, 82, 84, 91, 93, 95, 80, 83, 94, 76, 92, 81, 75, 87, 86

The letter p is used to represent power points in a game, which can range from 495 to 1,452 points. Express this as an inequality.

Simplify.

$\frac{19,500}{35,100}$ =

15 - t + 8 = 12
What is the value of t?

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

94	**53**	80
43	**55**	21
29	13	86
60	91	**2**

Find an addition fact.

B

53	**80**	81
37	52	8
64	98	26
43	14	74

Find an addition fact.

C

62	90	48
29	7	50
45	20	44
10	89	56

Find an addition fact.

Equations:

Write the equation facts you found.

A	2	+	53	=	55
B		+		=	80
C	45	+		=	

The boys in your class each were given a ticket with a number on it. The numbers given out were: 35, 37, 40, 8, 13, 22, and 15. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 3?

$18 \div 3 =$ _____

$$\begin{array}{r} 656 \\ -\ 476 \\ \hline \end{array}$$

$7 \times 9 =$ _____

$$\begin{array}{r} 345 \\ +\ 328 \\ \hline \end{array}$$

Name: _____

Ms. Johnson planned to show her horse in a show in England. The entry fee was 112.63 pounds sterling. The equation for changing pounds sterling to U.S. dollars is D = 1.83P. What is the entry fee in U.S. dollars? (Round off your answer to the nearest cent.)

Jack is keeping track of the number of grams of fat he eats. He wants to get in shape to run the 220-yard dash. On Tuesday he ate 9 grams of fat at breakfast, 11 grams of fat at lunch, and 8 grams of fat at dinner. How many milligrams of fat did he eat?

Mr. King likes to buy vegetables and fruit from roadside stands. Yesterday he bought 3.3 pounds of apples at $1.26 per pound, 1.5 pounds of grapes at $1.60 per pound, and 5.7 pounds of red potatoes at $0.80 per pound. He paid for his purchases with a $50-bill. How much change did he get?

88 ÷ 11 =

Write the numbers 45 to 75 on a sheet of paper.
How many of these numbers are divisible by 5?

_____

27 kg = _____ g

Write an equation to represent this:

The sum of ten and twelve is twenty-two.

_____

You cannot decide what pizza store to go to. Erin's pizza cuts their pizza into 7 slices. Each slice costs $2 each. Hannah's pizza cuts their pizza into 6 slices. Each slice costs $5 each. If you like each pizza the same, which pizza store has the better buy?

246 + 666 = _____

819 - 652 = _____

$$\begin{array}{r} 70 \\ -\ 58 \\ \hline \end{array}$$

10 ÷ 2 = _____

word root **mob** can mean **move** **mobilize, immobile**

Name: _____

Sudoku Sums of 10

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 10.

Here is an example of a sudoku sum of 10:

4	6

5					
	6	1	2		
3	4		5		6
	1				2
				5	

$$\begin{array}{r} 20 \\ +\ 24 \\ \hline \end{array}$$

How many millimeters are in 4 centimeters?

_____ millimeters

84,472 - 24,572 = _____

How many dimes make $3.80?

What time is 17 hours after 5:00 p.m.?

_____

12 x 9 = _____

5 x 10 = _____

Name: _____

The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

		R	T	Y		C		T	M
	M	E	Q				T		
N	S	S	N		C		N	R	R
J	F	P	F		C	P	H	M	C
	L	O	C	F		T			H
		N					R	N	
R	T	S	R	M	P	M	R		N
N		I			L			T	T
	S	V	S	N		S	R		T
Y	F	E	S		T	T		C	

RESPONSIVE • CARESS • COUPLE
FLUTE • MERCHANT • OPTIMIST
FAMINE • TERMINATE • QUIET
JOURNEY • HORROR

1 lb = 16 oz

10 lb = _____ oz

6 x 10 = _____

4 x 6 =

847 - 777 = _____

72 ÷ 9 =

3 x 11 = _____

Wendy took three numbers greater than 1 and multiplied them. One number was three and the other number was eleven. Of course, she forgot the last number, but she remembered the product was 495. Is this possible?

7,372 + 1,883 = _____

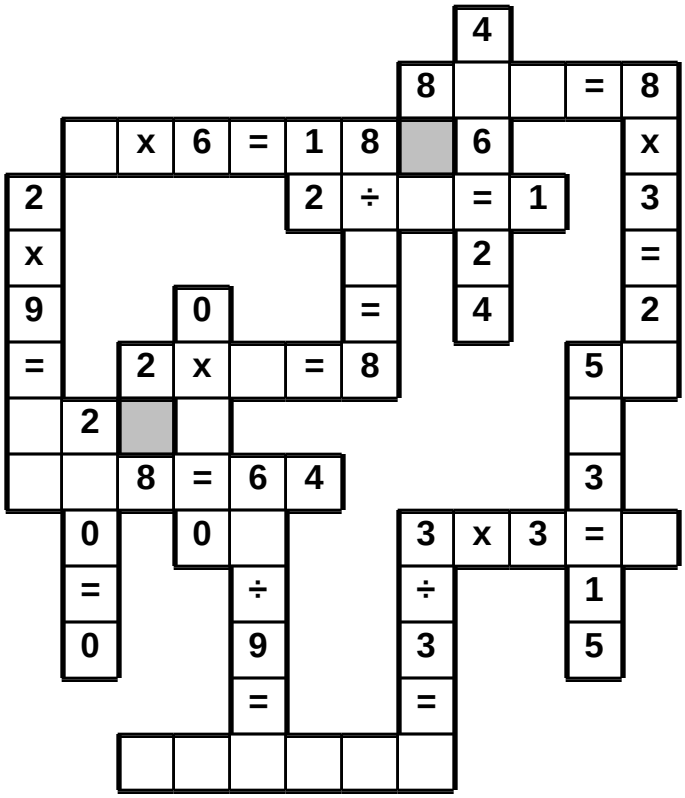
56 ÷ 7 = _____

60 ÷ 10 = _____

Name: _____

x • 1 • 3 • 2 • 1 • 4 • 4 • 1 • 6 • x • 8 • x • 3 • 9 • 3 • x • 7 = • 2 • 1

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



6 x 9 = _____

5 x 5 = _____

If you divide 97 by 6, you get a remainder of 1.
Make up three other different equations where you divide by 6 and get a remainder of 1.

49 ÷ 7 = _____

6 x 10 = _____

12 ÷ 3 = _____

Name: _____

Joshua, Julia, and Ethan are competing in the Olympics. They are each from a different country (Argentina, Norway, and United States), and they are also each competing in a different event (alpine skiing, luge, and freestyle skiing).

Figure out the country each person is from and the event he or she is competing in. (Assume that each hint refers to one of the three people. For example, if Joshua has lunch with someone she met from another country, then assume that this person is among one of the three people).

1. The person from United States and his friend invited the person from Argentina to dinner. The person from Argentina thought it was a great idea, and she gladly accepted.
2. The person competing in the luge event is from Europe. This is his second time to represent his country at the games.
3. The person competing in the alpine skiing event is from South America. This is her third time to represent her country at the games.
4. Though Ethan has never been to Argentina, he would like to visit.
5. Joshua had lunch with someone he met. The person he met is competing in the luge event.

Circle the digit in the hundredths place.

8,717.46

66 ÷ 6 = _____

11 x 8 =

Write this as a number in standard form. Use a comma in your number.

four hundred forty-four thousand, seven hundred twenty-three

_____

75,126 - 17,697 = _____

word root **il** can mean **not** **illiterate, illegible**

Name: _____

Write each as a decimal.

3 thousandths as a decimal is _____

74.8% as a decimal is _____

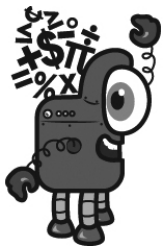
34% as a decimal is _____

$8\frac{8}{10}$ as a decimal is _____

Amy is trying to learn decimals. She only knows fractions. She's known fractions since she was 3. Now she is trying to learn decimals. Help her convert $\frac{3}{5}$ to a decimal.

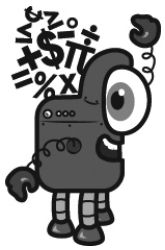
Name: _____

Mental Math — #1



- Start with the number 5. **5**
- Add 4. _____
  6 8 7 7 2 9 4 9 1 8 (Circle your answer to double check you are correct.)
- Find the square root. _____
  5 0 6 8 3 8 3 0 2 3
- Add 28. _____
  7 3 1 1 6 0 2 4 1 8
- Increase that number by 1. _____
  1 0 4 3 2 0 3 3 2 0
- Find seven-eighths. _____
  7 1 8 0 3 0 4 2 8 5

Mental Math — #2



- Start with the number 492. _____
  3 2 5 7 4 9 2 1 6 8 (Circle your answer to double check you are correct.)
- Add the number of inches in 1 foot. _____
  6 6 5 0 4 2 4 1 1 7
- Add the digits in your number. The sum of that is your new number. _____
  5 3 1 6 6 2 3 0 9 7
- Triple that number. _____
  2 9 1 7 9 2 2 7 8 1
- Add half of 46. _____
  2 7 3 2 5 0 5 9 9 4
- Add a half dozen. _____
  5 7 9 5 6 6 8 6 4 4

MathWorksheets.com
Week of December 19

Name: _____

Get a fidget spinner! Spin it.

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

0.9 (0.3 (0.9 x 2)) =

(10 + 12 + 5 + 6) =

$\frac{29}{40} \div \frac{7}{10}$ =

(16,807) , (2,401) ,

(343) , (49) , (7) ,

_____, $\frac{1}{7}$, $\frac{1}{49}$, $\frac{1}{343}$,

$\frac{1}{2401}$

If p = 10, z = -4, and w = 6 then what is p + z x w?

0, t, 0, t, 0, t, 0, t,

_____, t, 0, t, 0

If y = 9 and d = -44 then what is 11y - 12d + 3d = ?

Use >, <, or = to complete.

$\frac{1}{5}$ ___ 38%

8% ___ $\frac{1}{12}$

$\frac{1}{2}$ ___ 61%

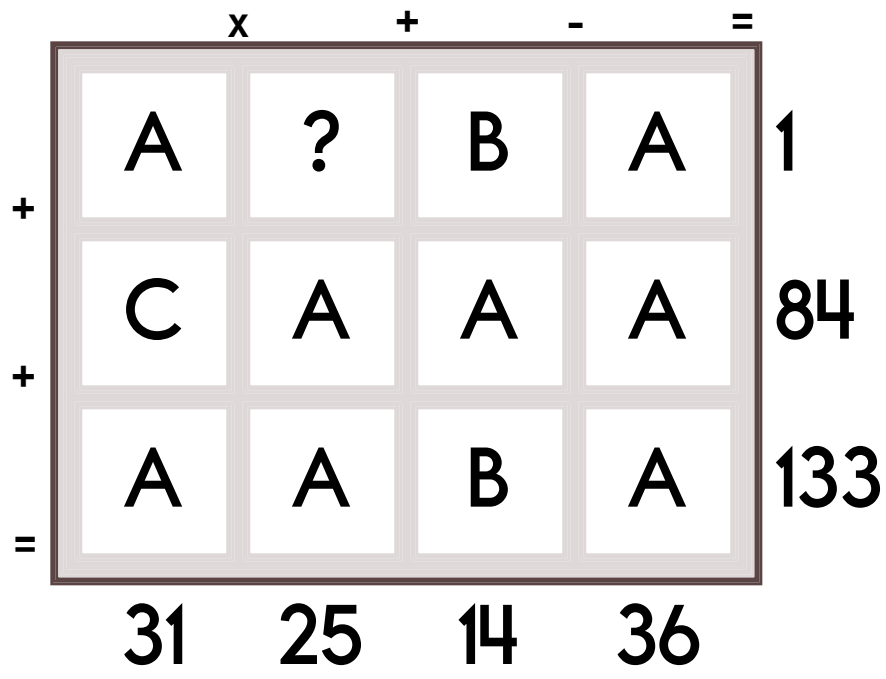
744 ÷ 10

5 x 56 ÷ 8 - 27 ÷ 9 =

$93 - p = $26
What is the value of p?

0.13 • 7 =

Name: _____



Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

B + A + B = 14 C x __ + A - A = 84

__ + __ + __ = 36 __ + __ + __ = 31

__ x __ + __ - __ = 133

Additional hints:

A = B + 11 A < 20

Solve:

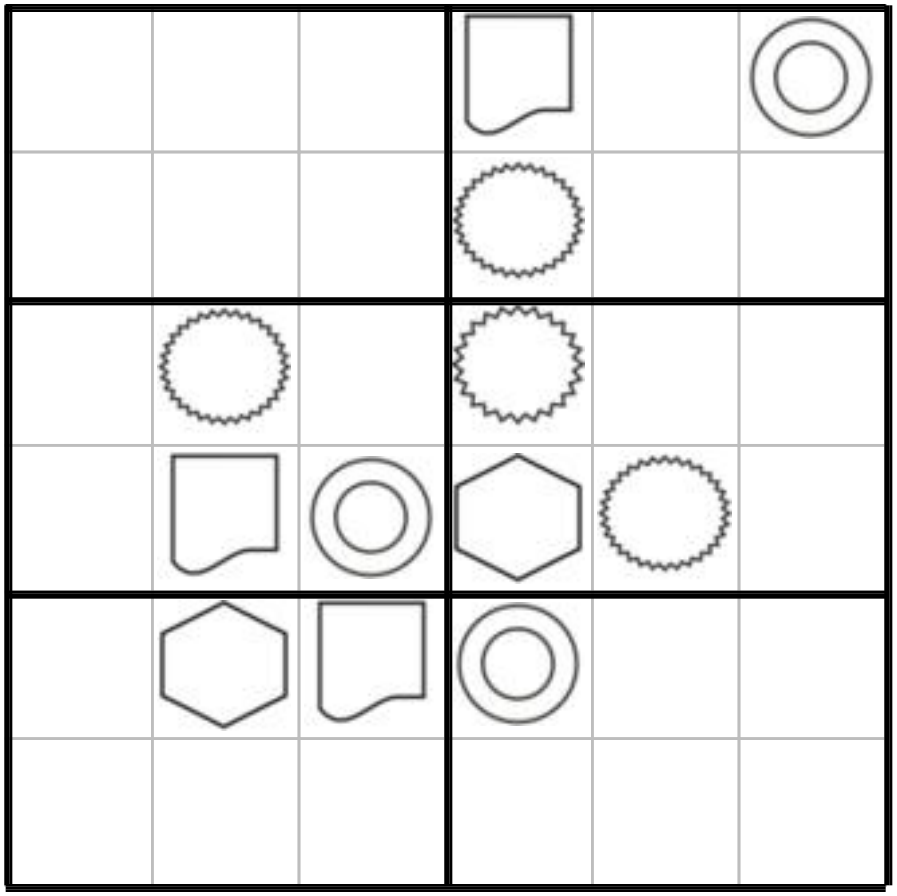
? = __

Name: _____

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

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

Each row, column, and box must have 6 different pictures.



Name: _____

Sudoku Sums of 11

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 11.

Here is an example of a sudoku sum of 11: 6 5

	8				1	9	4	
		9						7
1	6	4		3	9	8		2
	2							
4	9	6	1		8			
8		3	2	6				
6				2				1
			8				9	
	4					2		8

9n = 72

20y = 100

6m = 12

Name: _____

Each row, column, and box must have the numbers 1 through 9.

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

0.8 (0.4 (0.8 x 8)) =

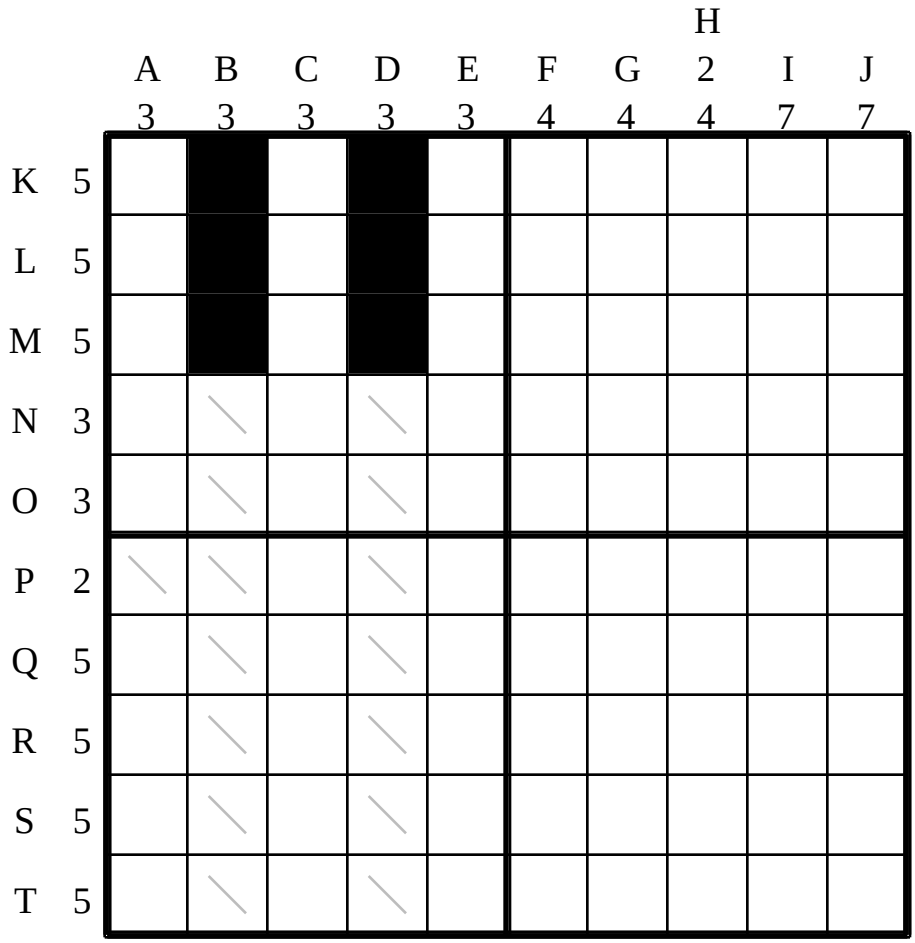
0.2 x 0.8

121, 132, 143, _____, 165, 176, 187

Name: _____

Color Squares Puzzle

Color in the number of consecutive boxes in each row and column. Double check when you are done!



CLUE A: Color in 3 consecutive boxes.

CLUE B: Color in 3 consecutive boxes.

CLUE C: Color in 3 consecutive boxes.

CLUE D: Color in 3 consecutive boxes.

CLUE E: Color in 3 consecutive boxes.

CLUE F: Color in 4 consecutive boxes.

CLUE G: Color in 4 consecutive boxes.

CLUE H: Color in 2 consecutive boxes.Then color at least one blank. Then color in 4 consecutive boxes..

CLUE I: Color in 7 consecutive boxes.

CLUE J: Color in 7 consecutive boxes.

CLUE K: Color in 5 consecutive boxes.

CLUE L: Color in 5 consecutive boxes.

CLUE M: Color in 5 consecutive boxes.

CLUE N: Color in 3 consecutive boxes.

CLUE O: Color in 3 consecutive boxes.

CLUE P: Color in 2 consecutive boxes.

CLUE Q: Color in 5 consecutive boxes.

CLUE R: Color in 5 consecutive boxes.

CLUE S: Color in 5 consecutive boxes.

CLUE T: Color in 5 consecutive boxes.

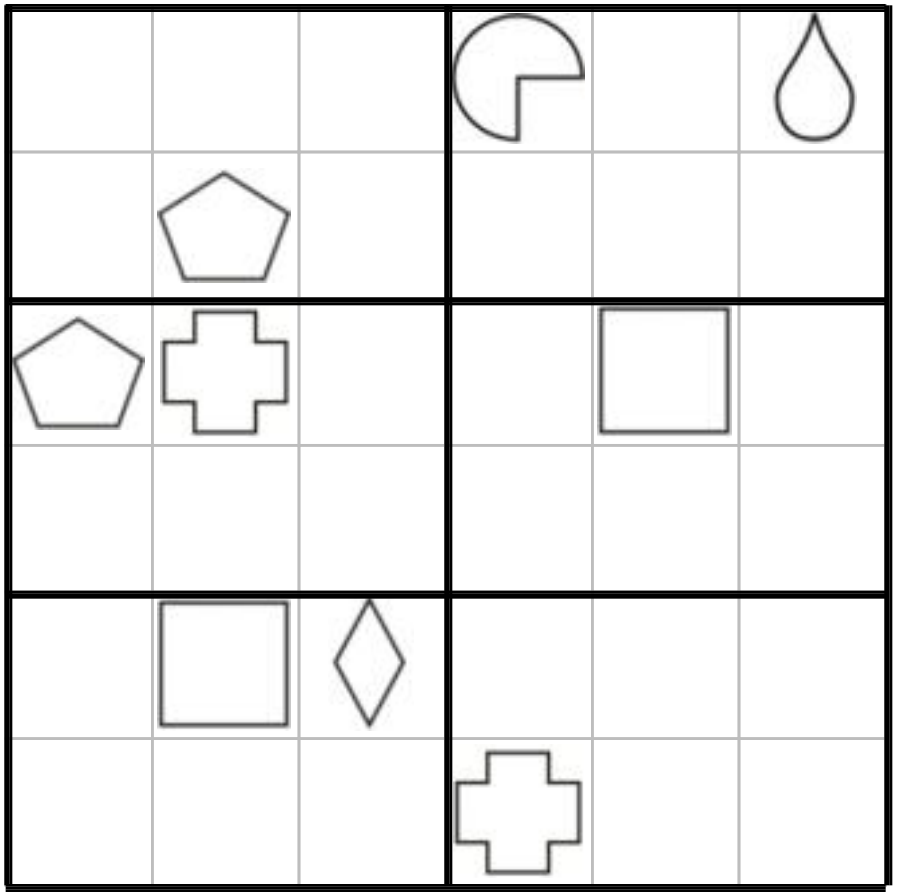
Don't forget to double check when you are done!

Name: _____

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

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

Each row, column, and box must have 6 different pictures.



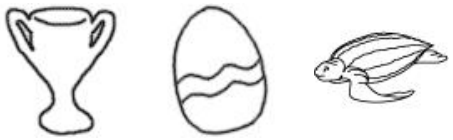
Name: _____

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.

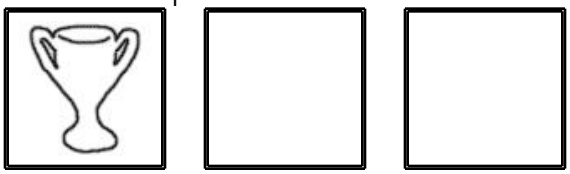
Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.



Draw 2 of these 3 pictures.
1 of those pictures is in the correct spot.

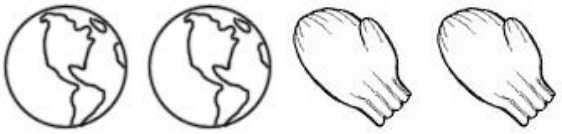
Draw the 3 pictures in the correct order:



Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.

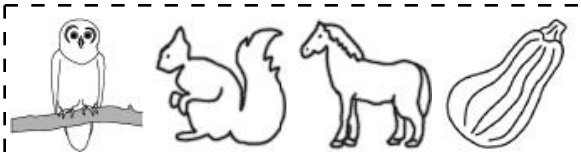
Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

Draw 1 of these 4 pictures.
The picture IS in the correct spot.

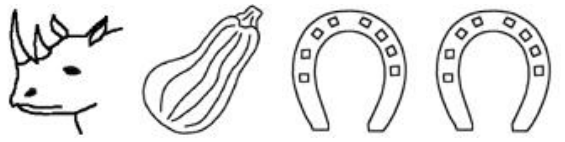


Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

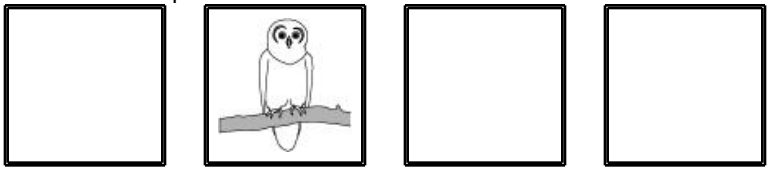


Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.



Draw 1 of these 4 pictures.
The picture IS in the correct spot.

Draw the 4 pictures in the correct order:



Name: _____

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

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

Write the words found.

SENATOR _____ CONCERN _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____

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

D K E I A R E S T R I C T P
W I S N V N N P A A N C I E N T U
E A L A I S I R V D R O U G H T B
A M E P D C M O E A L G E B R A L
T E I S E R A P R I M A G I N E I
H T G A N I T O A A D J O U R N S
E E H C C B E S G C O L L I D E H
R R T K E E D E E C O N T R A C T

Write the words found.

CONTRACT _____ PUBLISH _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____

Name: _____

Select the word or phrase whose meaning is closest to the given word.

ENIGMATIC

cryptic
entertaining
furtive
spoiled
insensitive

GARRULOUS

loquacious
bungled
extended
timorous
annoying

VOGUE

outdated
smart
murky
questionable
fashionable

RECUR

distress
happen again
surprise
plague
annoy

ARID

chilly
humid
saturated
dry
windy

AMBIGUOUS

tied up
exaggerated
mobile
mixed feelings
unclear

SURLY

unfriendly
entertaining
sloped
twisting
tepid

PIED

full
multicolored
striped
hungry
proudness

INSOMNIA

sleepwalking
too much sleep
sleeping at work
sleepiness
sleeplessness

Now find the given words AND the answers in the word search. If you can't find an answer, you might be wrong.

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

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 7 ↓	sum of 8 ↓		sum of 6 →	3	2	1
sum of 5 →					sum of 8 ↓	sum of 4 ↓	
sum of 4 →			sum of 7 →				
sum of 10 →							sum of 9 ↓
sum of 6 ↓		sum of 10 ↓		sum of 6 ↓			
	sum of 10 →						
	sum of 8 →						
			sum of 6 →				

	sum of 9 →					sum of 8 ↓	sum of 7 ↓
sum of 6 →					sum of 6 →		2
	sum of 7 ↓			sum of 10 ↓	sum of 4 ↓		5
			sum of 8 →				sum of 6 ↓
sum of 8 ↓		sum of 3 ↓	sum of 6 ↓			sum of 9 ↓	
				sum of 10 ↓			
	sum of 5 →						
	sum of 9 →						

9 x 2 = _____

Which is the better buy? Two bags of candy for $16 or nine bags of candy for $54?

24 ÷ 2 = _____

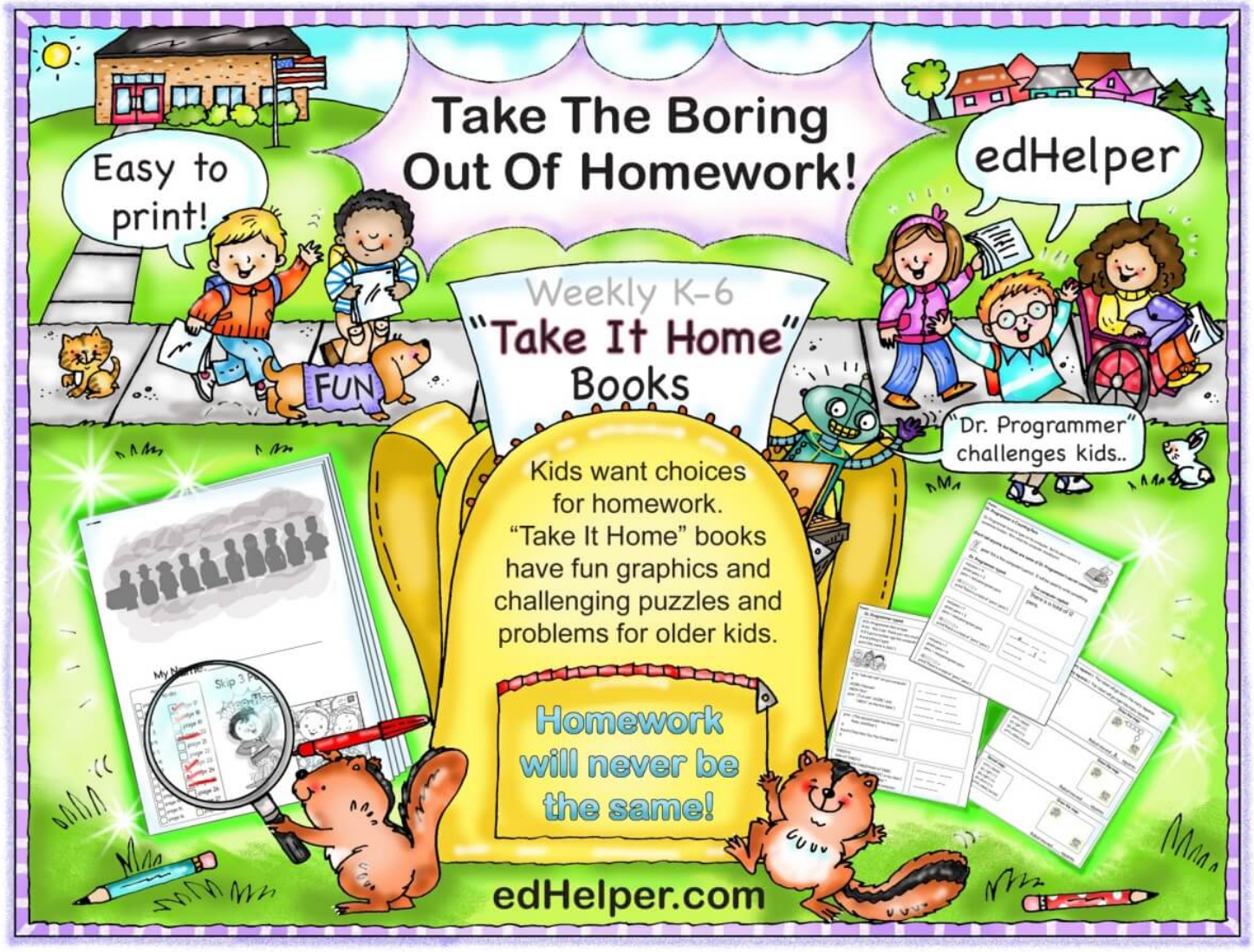
What is the largest possible sum of two two-digit numbers? Show the two numbers.

27 ÷ 3 =

6 x 7 = _____

6 ÷ 3 = _____


Where can I get more of this great stuff?
More math!
More spelling!
It's NO PREP at edHelper.
More history!
CLASS RULES
edHelper.com!
New online math games!
More things for the classroom!
More science!
New ideas!
More puzzles!


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