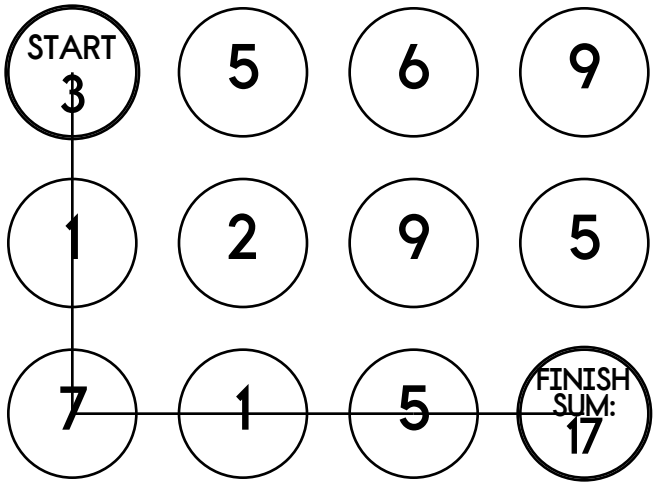
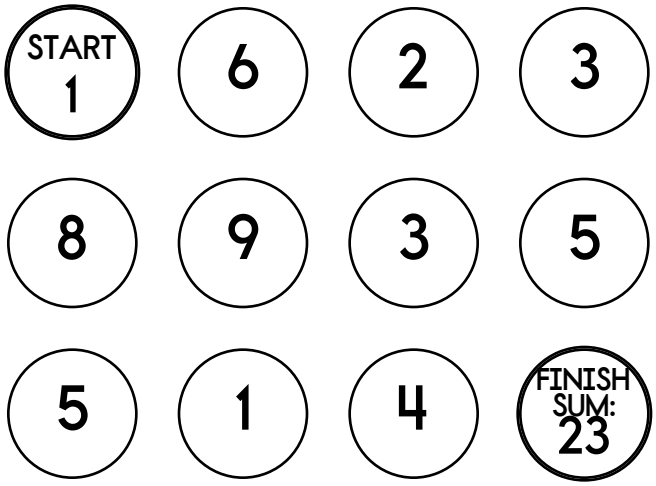
Name: _____

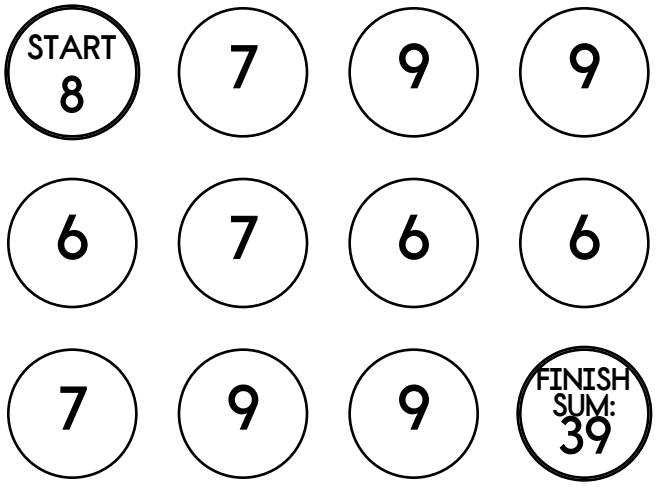
Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.



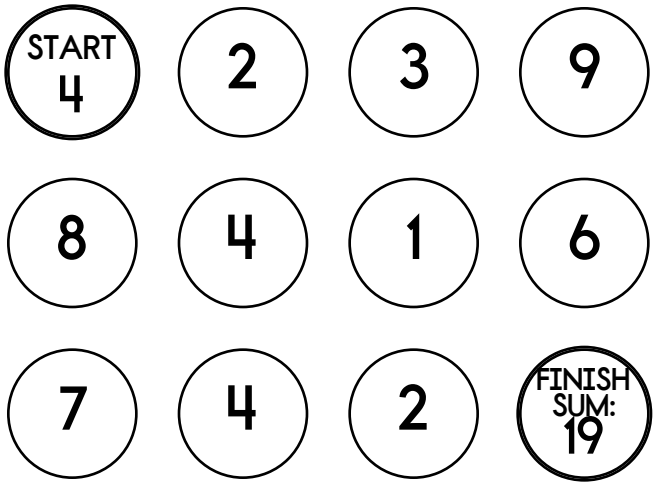
3 + 1 + 7 + 1 + 5 = 17



1 + 8 + ___ + ___ + ___ = 23



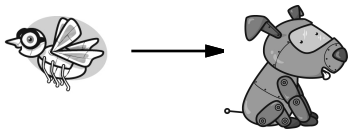
8 + 7 + ___ + ___ + ___ = 39



Did you find a path? Write the equation.

Name: _____

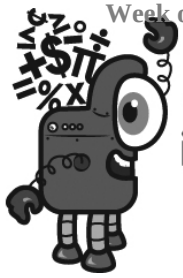
Help Robot find Rover. Make a path of increasing sums. You can only move to a box with a larger sum. Draw a line to show your path.



	95 + 95	52 + 12	50 + 16	17 + 35	53 + 31	40 + 38	18 + 17	61 + 26
12 + 27	31 + 22	42 + 23	27 + 43	30 + 44	37 + 41	62 + 19	52 + 30	43 + 73
33 + 52	85 + 74	90 + 47	39 + 46	98 + 96	18 + 90	76 + 61	74 + 12	63 + 29
75 + 81	20 + 92	15 + 99	96 + 64	41 + 76	37 + 19	13 + 60	28 + 67	19 + 75
77 + 34	27 + 67	61 + 64	55 + 45	38 + 56	79 + 49	34 + 63	15 + 84	37 + 60
59 + 14	90 + 42	34 + 39	49 + 23	25 + 86	99 + 13	20 + 91	47 + 54	64 + 13
63 + 50	71 + 51	11 + 75	28 + 54	21 + 16	51 + 66	35 + 65	46 + 29	77 + 83
17 + 17	81 + 24	30 + 77	42 + 69	91 + 33	22 + 99	76 + 46	93 + 33	

Name: _____

Mental Math



= Do it in your head!

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?

A	B	C	D
imagine 2 in your head	imagine 4 in your head	imagine 7 in your head	imagine 7 in your head
add 3	add 7	add 2	double it
subtract 3	double it	subtract 8	add 3
	add 2	add 1	subtract 7
	subtract 7	add 8	add 1
	subtract 9		add 2
Write the number.	Write the number.	Write the even digit in your answer.	Write the tens digit.
____	____	____	____

What is the sum?

A + B + C + D

____ ____

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

____ ____ ____ ____ **e** ____

4 before 18 _____	3 after 13 _____	3 before 14 _____
8 before 11 _____	4 after 19 _____	9 before 12 _____
2 before 13 _____	5 after 18 _____	7 before 19 _____

Name: _____

Anne's father has been working at Mountain Springs Manufacturing for five years. Last week his hourly salary was raised from $14.04 per hour to $17.12 per hour. If he works forty hours per week, how much more will he make each week?

Maria has 32 marshmallows. She arranged them in 4 groups so that each group has the same number of marshmallows. How many marshmallows are in each group?

Amanda drew four squares side-by-side. Each square has the same perimeter of 20 centimeters. What is the perimeter of the larger rectangle created by the four squares?

For some reason Mr. Anderson has 2 chairs. The students in the class each have one chair. Why else would they need more? All of the chairs have 4 legs. All of the kids and Mr. Anderson have 2 legs. There is a total of 118 legs in the classroom (including human legs and chair legs). How many students are there?

word root **rupt** can mean **break** **erupt, interrupt**

Name: _____

Complete each pattern. Write what the rule is.

7	35	175	875	4,375
9		144	576	2,304
8	72		5,832	52,488
5	40		2,560	

Complete each pattern. Write what the rule is.

17, 25, 33, 42, 51, 61, 71, 82, 93, 105, 117, 130, _____, _____, 171, 186

16, 24, _____, _____, 50, 60, 70, 81, 92, 104, 116, 129, _____, 156

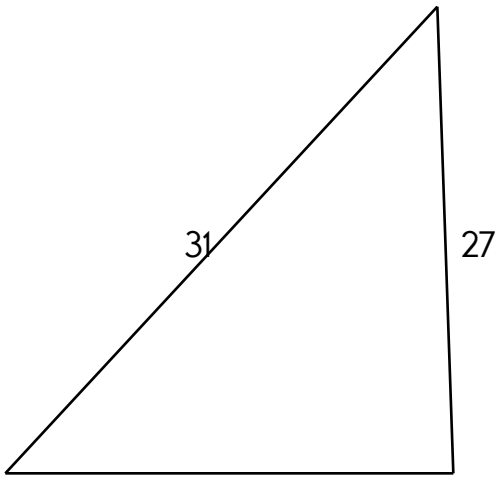
18, 26, 34, _____, _____, _____, _____, 83, 94, 106, 118, 131, 144, 158

Name: _____

April bought two packages of valentines. One package cost $1.88. The other package cost $0.88. How much did the two packages cost in all?

Mr. Thompson made up a holiday. His holiday is "Tall as a Tower Day." Mr. Thompson is very tall. He is 6 ft 2 in. tall. His best friend is 8 inches shorter than he is. How tall is Mr. Thompson's best friend?

Emma is playing "Penguin Parade" with her best friend. The spinner for the game has ten spaces. Four of the spaces have two penguins on them. The rest have one penguin on them. On Emma's first spin, what is the chance the pointer will stop on a space with one penguin?



The perimeter is _____.

Write an odd number with a two in the thousands place.

_____

How many days are there in two full weeks?

_____

$$\begin{array}{r} 39 \\ -\ 26 \\ \hline \end{array}$$

$2\overline{)10}$

Make a pattern.
Start with 39.
Subtract 7; add 6.

_____ , _____ , _____ , _____ , _____ , _____

Calculate the product of 4 and 2.

_____

word root **contra** can mean **against** **contradict, contrary**

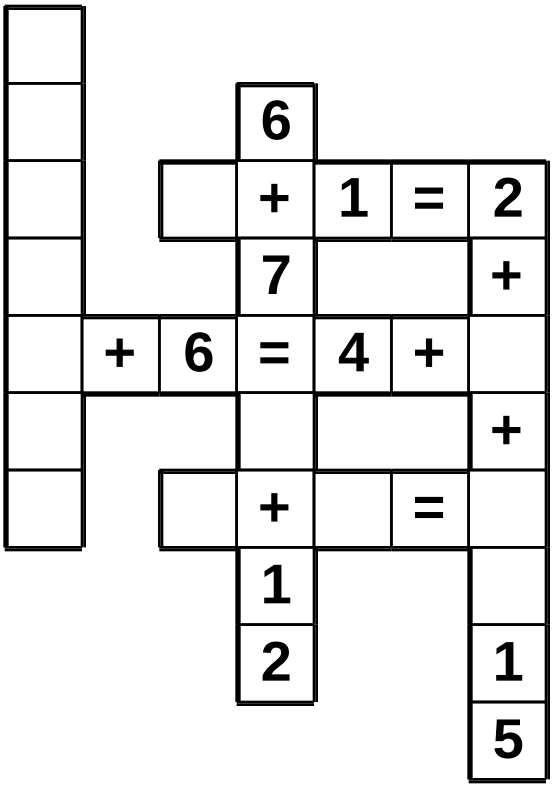
Name: _____

88 - 61	List the first three multiples of 7. _____ _____ _____	2 1 3 6 + 69 + 35	60 - 21
Fill in the missing fractions. $\frac{1}{6}$, _____ , _____ , $\frac{4}{6}$	One side of a square measures ten centimeters. What is the area of this square? _____	2 x 10	
Locate where to put the number 505,500 and label the point M. 496,000 516,000	Write the length in centimeters. _____ cm 1 2 3 4 5 6		
How many seconds are in three minutes? _____	○ tieth ○ teeth ○ toeth ○ teath	9 x 4 = _____ 10 x 7 = _____	
The factors of 12 are ____ ____ 3 ____ 6 ____		Which number is greater: 0.9 or 0.83? _____	
○ boast ○ bost ○ baust ○ baost	It is 80 degrees Fahrenheit outside. What would you wear if you are going outside? _____	What are the first four multiples of 8? _____	

Name: _____

1 • + • 4 • 1 • + • 3 • 5 • = • 1 • 8 • 4 • 4 • 8 • =

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



Fill in the blanks with these numbers:
3, 1, 5

		7
-	2	2

Fill in the blanks with these numbers:
7, 9, 6

	4	
-	2	
	1	

David has saved 3 dimes and 7 nickels to buy a notebook. What fraction of a dollar has he saved?

Rewrite the sentence correctly.

sixteen be more than fifteen but sixteen is less then seventeen

_____

_____

Name: _____

132 − 75	45 + 58	105 − 93	86 − 11	38 + 84	85 + 59
60 + 20	93 − 58	16 + 42	156 − 84	121 − 61	96 + 89
141 − 60	19 + 80	158 − 74	124 − 70	84 + 77	40 + 15
42 − 23	29 + 18	128 − 91	58 + 61	37 + 78	105 − 34
172 − 92	86 + 76	50 − 28	97 + 56	50 + 27	52 − 33
31 + 91	152 − 65	89 + 59	63 + 79	100 − 72	98 − 25
93 + 98	58 − 39	78 + 18	35 + 88	76 − 52	75 − 36

2 + 7 = □
□ + 9 = 22
19 + □ = 26
26 + □ = 32
32 − □ = 29
29 + 6 = □
□ − 9 = 26
26 + □ = 33
33 + □ = 38

Name: _____

1 • 0 • + • + • 9 • 1 • 0 • + • 0 • + • 6 • = • 6 • 6

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

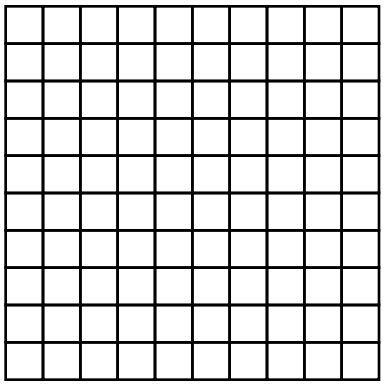
	3	+		=	8		5	
					4			
	4		1		2			
	=		=		1			
	1		7		-			
	9		-		9			
	-		5					

Write the numeral for two hundred ninety-one.

_____

Write this number using words.

Color $\frac{5}{10}$.



Would you use a ruler or a yardstick to measure the length of the height of your teacher?

_____

Circle the even numbers.

21	73	27	107
68	61	32	130
59	82	44	51

Name: _____

Complete each analogy with the best word.

United States	promise	grandfather
consumer	England	animals
polluted	singer	ozone
history	travel	black
gray	magician	anger
kind		

World War I : Europe ::

Civil War : _____

clean : pure ::

dirty : _____

vacation : holiday ::

journey : _____

mythology : gods ::

fables : _____

hate : mean ::

love : _____

dad's brother : uncle ::

dad's dad : _____

Marilyn Monroe : actress ::

Harry Houdini : _____

North : blue ::

South : _____

country : nation ::

oath : _____

seller : producer ::

buyer : _____

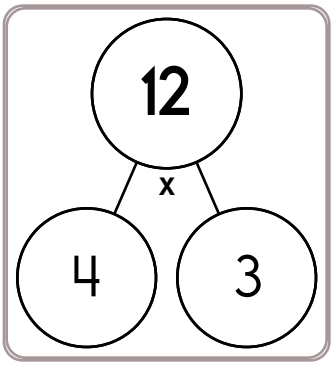
R P V I R G I N I A W R O N G
E R I E C T U N D E S E R T P
A O K N H S E E N F I N D N P
N M O C E A N P I L E V A R T
I I I R E L L E H S N T E E B
M S E E R O C K Y E O M R T H
A E E M Y R E E H C N A K C O
L F D U N O I S Y A E G E A U
S U N S E Y G T E C R I E R R
K R U N D E R C D O P C C T R
W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

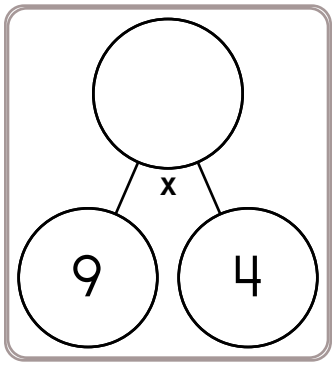
ANIMALS • FUR • MAGICIAN
RED • FIND • POLLUTED
GRAY • CHEERY • STICK
BEET • NOUN • NOISY
PLAYGROUND • WEAPONS
BARK • CHEER • WRONG
ROCK • WATCH • SHELL
RACQUET • SEE • PROMISE
EPIC • COVERING • TOOLS
NUT • RETRACT • DAY
OCEAN • UNEXPLAINED
DESERT • DIRT • DUMP
TRAVEL • CONSTITUTION
NONE • PAINTING • HOUR
KIND • CONSUMER • PEN
VIRGINIA • MAMMAL • SAME

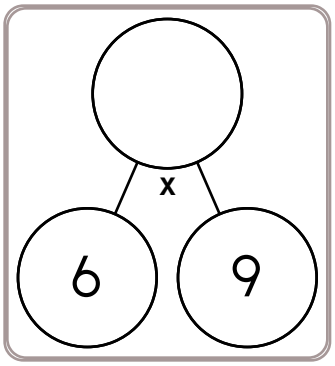
Name: _____

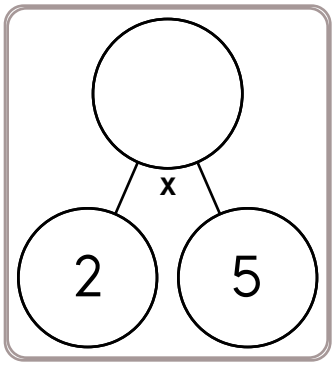
MAD MINUTES

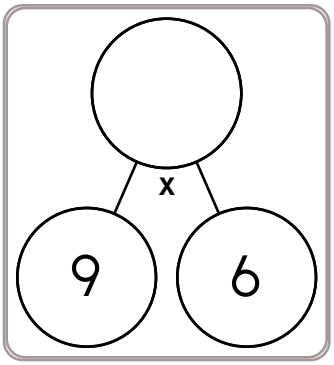
2 x 8 =	4 x 9 =	7 x 6 =
5 x 2 =	7 x 8 =	5 x 4 =
8 x 2 =	8 x 9 =	9 x 7 =
7 x 3 =	2 x 9 =	6 x 4 =

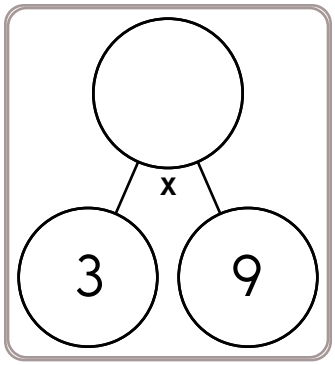


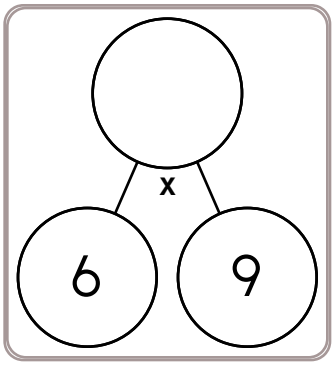


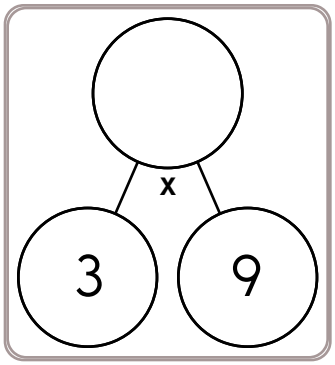








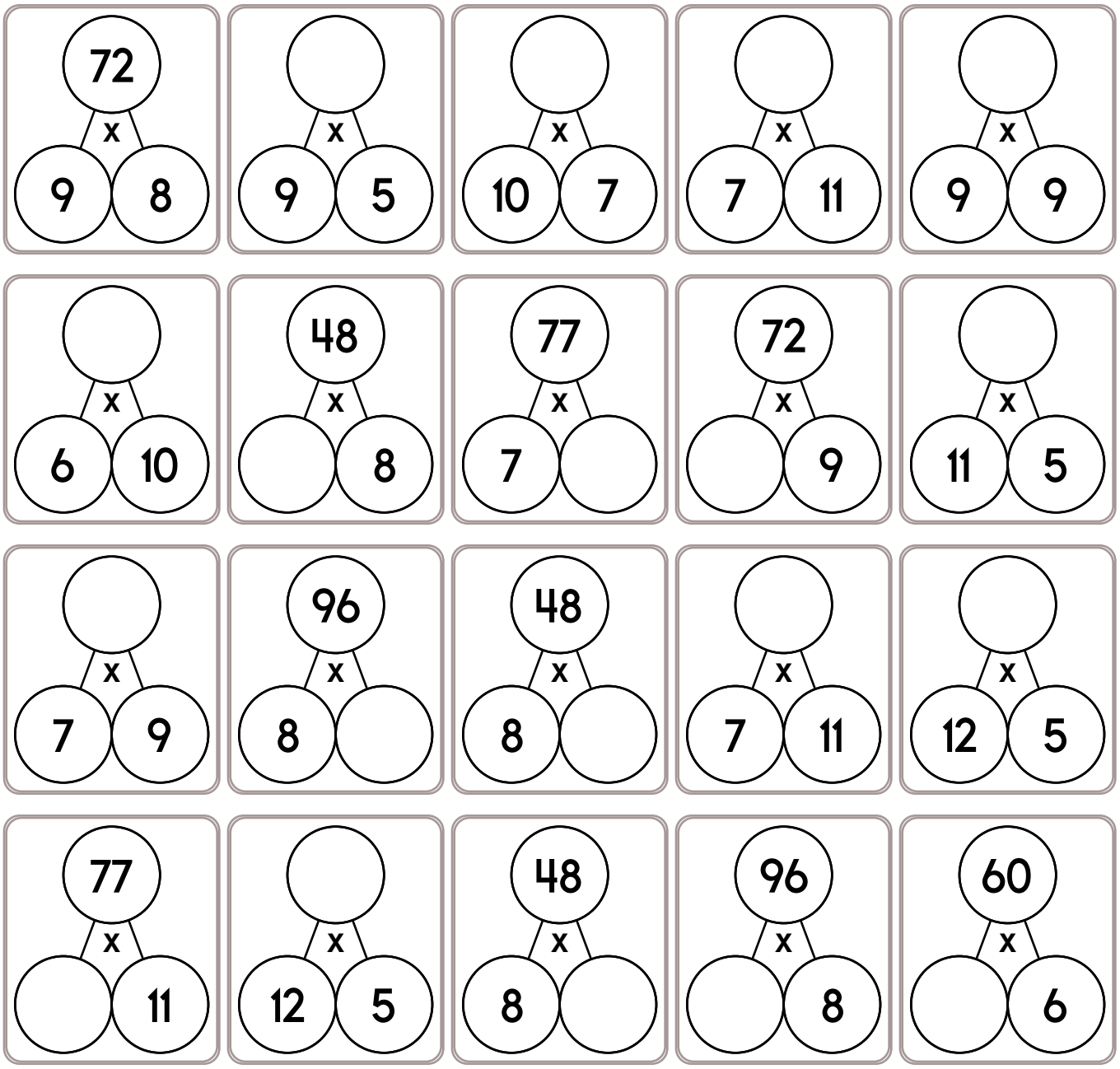




MAD MINUTES

___ x 6 = 12	9 x ___ = 36	9 x ___ = 63
___ x 4 = 16	___ x 8 = 32	4 x ___ = 8
___ x 7 = 56	9 x ___ = 45	___ x 6 = 18
3 x ___ = 12	___ x 3 = 18	8 x ___ = 16

Name: _____



Round 66 to the nearest ten.

Write the number that is one hundred less than 6,107.

K, F, J, E, I, D,

_____, C, G, B

Name: _____

Roman Numerals

1 is written with an I.

5 is written with a V.

10 is written with an X.

50 is written with an L.

100 is written with a C.

You cannot have 4 of the same letter consecutively.

4 is written as IV.

9 is written as IX.

40 is written as XL.

So you cannot write 44 like this: XXXXIIII.

But you would write 44 like this: XLIV.

I = _____

IV = _____

VI = _____

IX = _____

XI = _____

XIV = _____

XVII = _____

XIX = _____

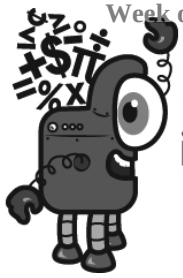
XXXIII = _____

Write the number as a Roman numeral and then find the Roman numeral.

1 _____ IIXLVVXXIV VIIXIXXLVII	5 V IVXVXIXXXX VIIXVIIIVI	2 _____ XXXIVIIXVI IIIIXLIVXIX	6 _____ VIVIIVXXVI XIVIVIIIIIX
9 _____ IXVIVIIIVI XXXVIIXIVI	8 _____ XVIIIXXIIIX XXIIIVIIIIV	12 _____ VXIIIVXIVI XIIVIIIVIII	7 _____ XXXVIIVIIII VIVIIVVXV
34 _____ XXXIVXVXVI VXXXIVIIIX	18 _____ XXVIIIXLIII IVXVIIIVIV	39 XXXIX IIIVXXXIXIX XXXIXXXVIII	36 _____ XXXVIXXIIII XXXVIXXIIV
41 _____ VIIIXLIXLIII LXLVIIIXLIX	11 _____ IIXIXXXIIIV XXIIXXIVVI	25 _____ XXVXVIXIIX VXLIVXXVXI	56 _____ XVILVIXIVV VIILVIXIIIX

Name: _____

Mental Math



= Do it in your head!

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?

A	B	C	D
imagine 3 in your head	imagine 2 in your head	imagine 9 in your head	imagine 8 in your head
add 3	multiply 8	subtract 9	multiply 5
multiply 10	add 2	add 8	subtract 7
	add 7	add 7	double it
		double it	
	Add the tens digit to the ones digit.		
Write the tens digit.	Write the sum.	Write the ones digit.	Write the tens digit.
____	____	____	____

What is the sum?

A + B + C + D

____ ____

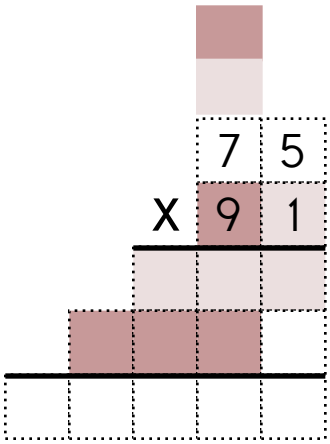
Wow! Great job! That's the answer, but do you know how to SPELL the number?

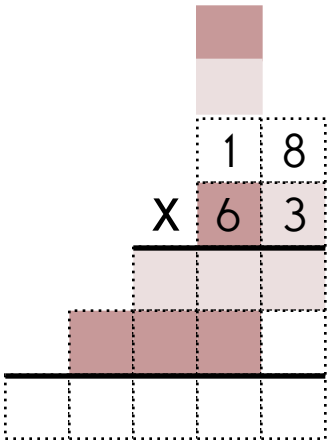
____ ____ ____ ____ **t** **e** **e** ____

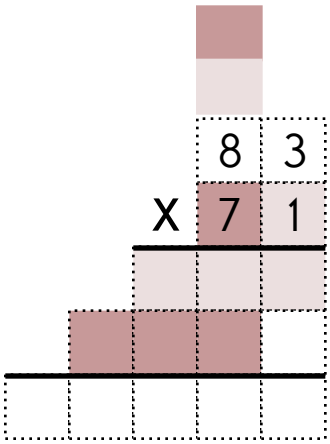
2 after 18 _____	4 before 11 _____	8 after 16 _____
1 after 19 _____	1 before 13 _____	6 after 11 _____
9 after 14 _____	2 before 18 _____	4 after 17 _____
5 after 13 _____	6 before 15 _____	7 after 15 _____

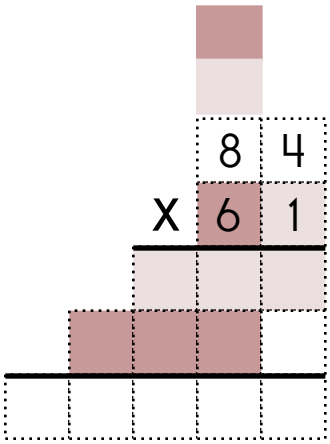
Name: _____

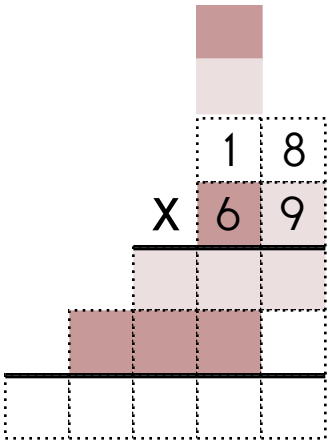
78 × 2	62 × 7	37 × 3
14 × 8	98 × 8	272 × 2
536 × 8	501 × 5	797 × 4

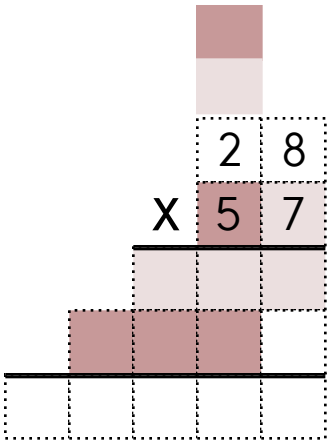


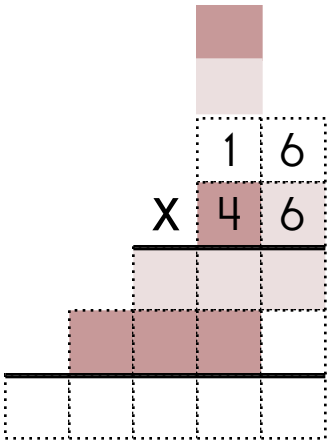


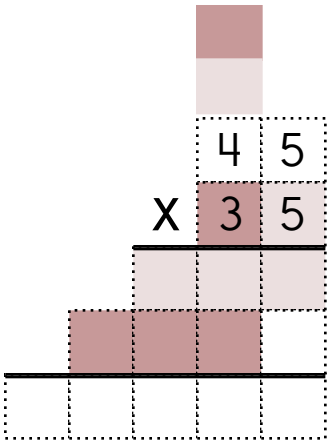












Name: _____

Cross off the number that does NOT belong.

19, 38, 57, 68, 76, 95, 114, 133, 152, 171, 190

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$\frac{4}{8}$, $\frac{6}{8}$, 1, $1\frac{2}{8}$, $1\frac{4}{8}$, $1\frac{6}{8}$, 2, $2\frac{2}{8}$, $2\frac{4}{8}$,

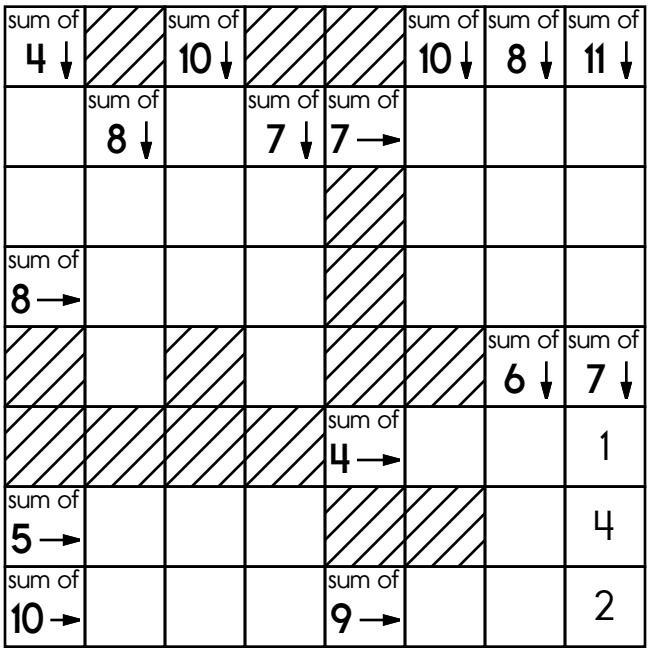
$2\frac{6}{8}$, 3, $3\frac{2}{8}$, $3\frac{3}{8}$, $3\frac{4}{8}$, $3\frac{6}{8}$, 4, $4\frac{2}{8}$

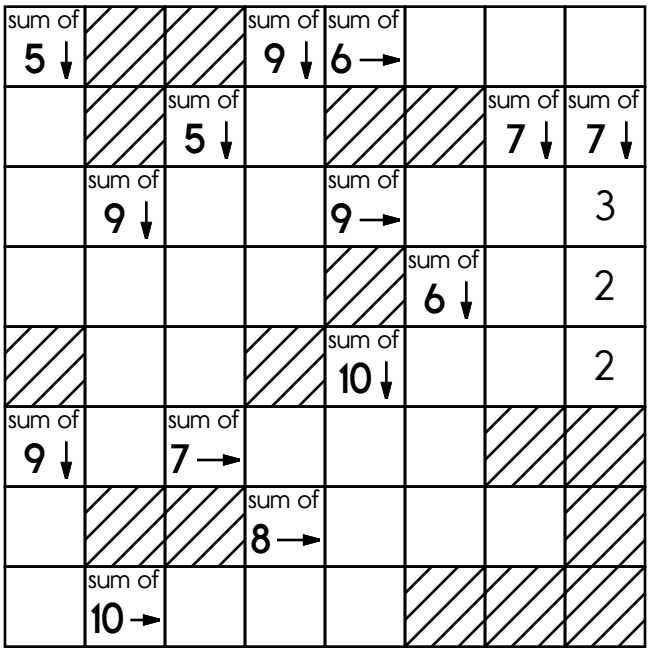
Why does _____ not belong in the pattern?

Name: _____

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

One set of sums has been done for you.





What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

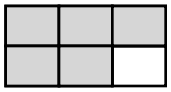
Make a Word	Sum
1 2 4 6 8 12 18 — B A L L O O N	33
1 2 4 6 10 — E	
1 2 6 10 — T E	

Make a Word	Sum
1 2 4 6 12 18 — I N	
1 2 4 6 10 — M I	
1 2 4 8 14 20 — E N	

If you take 37 away from me, the difference is 42. What number am I?

_____

Write a fraction to represent what is shaded.



_____

word root **cogn** can mean **know** **cognition, cognitive, recognition**


Where can I get more of this great stuff?
More math!
More spelling!
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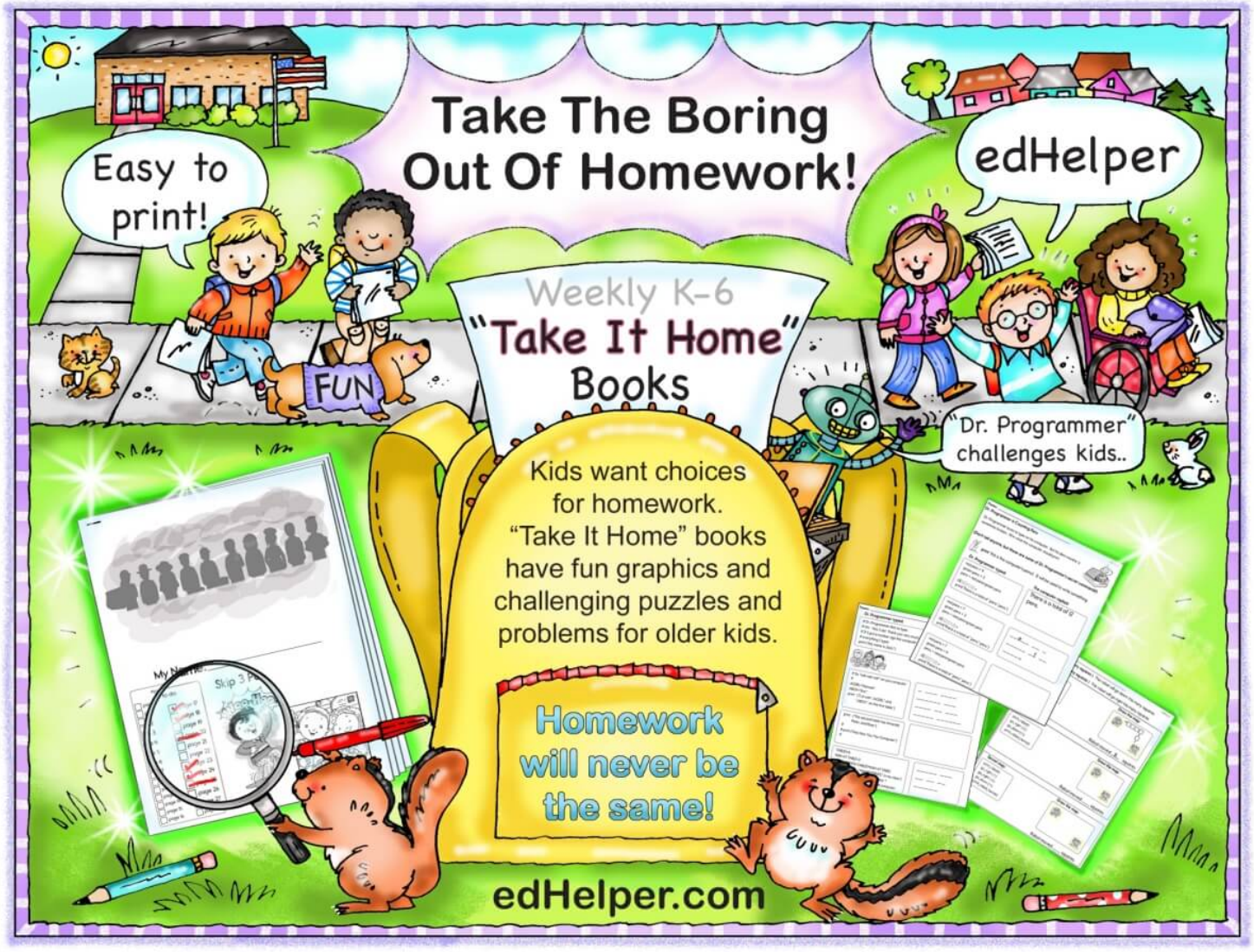
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