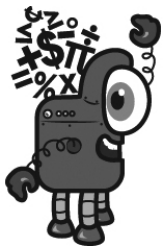
Name: _____

Mental Math — #1 —



- Start with the number 147. **147**
- Add the number of inches in 1 foot. _____
  8 9 2 2 3 1 5 9 7 1 (Circle your answer to double check you are correct.)
- Round that number to the nearest hundred. _____
  2 0 0 3 5 0 3 5 4 5
- Add the digits in your number. The sum of that is your new number. _____
  2 5 5 2 1 3 6 0 3 4
- Add 6 hundreds. _____
  1 9 6 0 2 8 8 3 3 5
- Add half of 16. _____
  9 6 1 0 3 7 1 8 7 0
- Subtract 9. _____
  9 2 7 6 6 0 1 9 1 0
- Add 3 tens. _____
  4 8 6 7 7 5 6 3 1 2
- Add the digits in your number. The sum of that is your new number. _____
  3 3 5 2 8 4 1 1 0 7

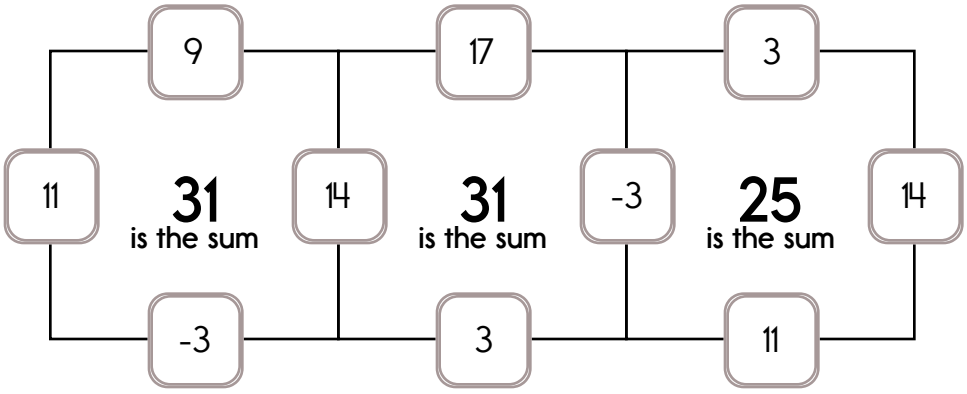
Name: _____

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

Example:
11 + 14 + 9 - 3 = 31

Example:
14 + 3 + 11 - 3 = 25

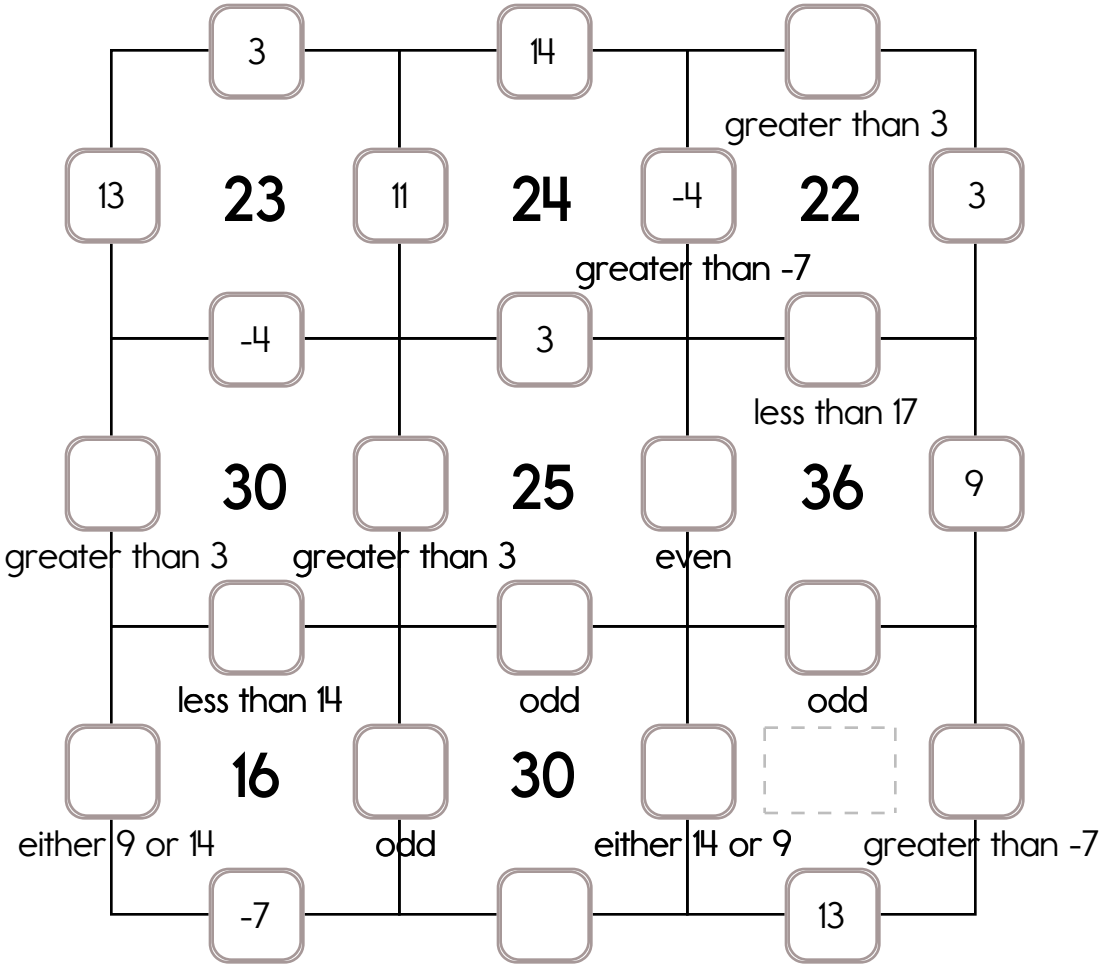
Sample:



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: -7, -3, or -4.

The other three numbers have to all be DIFFERENT and must be from these: 17, 11, 14, 3, 9, or 13.

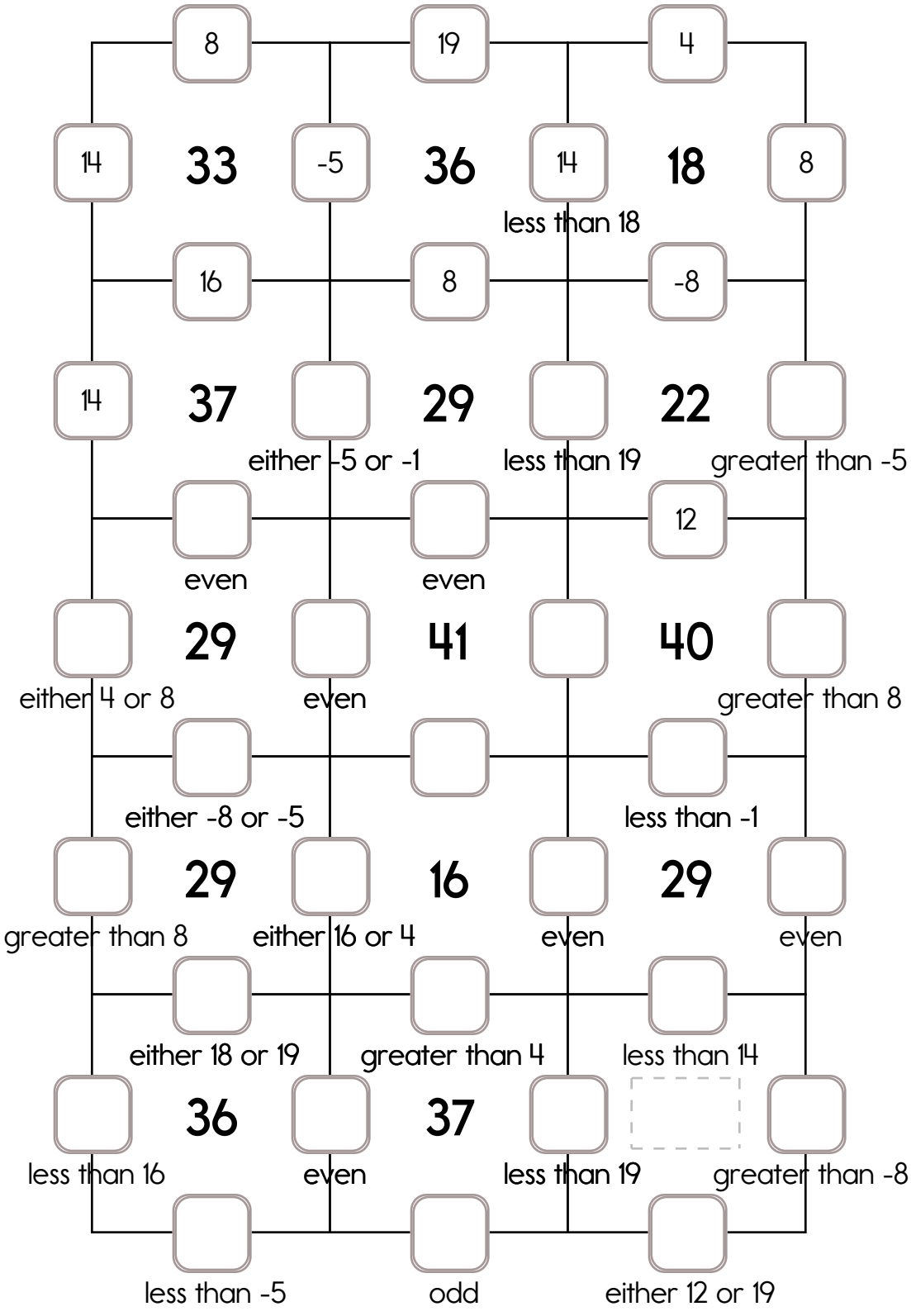


Name: _____

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: -8, -1, or -5.

The other three numbers have to all be DIFFERENT and must be from these: 4, 19, 8, 18, 16, 12, or 14.



Name: _____

Hunter saw 5 Play-Doh frogs and 6 Play-Doh birds. Each frog has 4 legs, and each bird has 2 legs. How many total legs do these 11 Play-Doh frogs and birds have?

Peter has a big collection of baseball cards! He is very proud of them. He has 104 cards in all. He gave $\frac{1}{2}$ of his cards to his brother. How many cards does he have left?

Josh invented a weird digital clock app. It says:

"5 minutes ago it was 4 hours until 1 in the afternoon."

What time is it now?

Nathan's favorite player is number 52 - 15. "What's your favorite player?" Nathan asks Connor.

"My favorite player's jersey has a number that is 9 less than your favorite player," Connor replies.

What number is on the jersey of Nathan and Connor's favorite players?

Name: _____

Megan stepped in the mud. She made a mud footprint on the kitchen floor. Her mother said, "Who made the mud footprint?" Megan said, "Little Sister did it." Mother said, "Little Sister's feet aren't that long." She measured Megan's foot and Little Sister's foot. Megan's foot was six inches long. Little Sister's foot was five inches long. How much longer was Megan's foot than Little Sister's foot?

Eric likes to tell jokes. He writes his jokes in his notebook. On Monday he wrote 5 jokes. On Tuesday he wrote 9 jokes. On Wednesday he wrote 9 jokes. On Thursday he wrote 4 jokes. On Friday he wrote 10 jokes. How many jokes did he write on those five days?

Mr. Jackson is in the Coast Guard. He goes to work at half past seven. Write that time another way.

The Ferris wheel at the 2025 state fair is billed as 9.21 meters taller than the Ferris wheel at last year's state fair. The 2025 Ferris wheel is 32.5 meters high. How high was the Ferris wheel at last year's state fair?

Jessica is saving her money. She wants to buy a 7-scoop ice cream cone on Splurge Day. She has 2 quarters, 5 dimes, 2 nickels, and 8 pennies. How much has she saved?

Name: _____

Gavin looked at his town's website. There are 13,875 people over age 55 in his town. In 1994 there were 10,878 people over age 55 in his town. How many more older people are there in his town now than there were in 1994?

Adam made 6 bologna sandwiches for his friends. He used 2 slices of bologna on each sandwich. How many slices of bologna did he use in all?

Eight men planted trees at the park. Each man planted 4 trees. How many trees were planted in all?

Anne has 50 marshmallows. She arranged them in 5 groups so that each group has the same number of marshmallows. How many marshmallows are in each group?

Jacob has a big collection of baseball cards! He is very proud of them. He has 66 cards in all. He gave $\frac{2}{3}$ of his cards to his brother. How many cards does he have left?

Amanda made 5 cookies for each of 4 friends. She put 8 chocolate chips in each cookie. How many chocolate chips did she use?

4 + ☐ = 16 7 + ☐ = 10 9 + ☐ = 24 6 + ☐ = 14

Name: _____

Sara's sister is a toddler. Sara baby-sits for 1 hour and 15 minutes each day. If she starts at 2:00 p.m., what time is she finished?	It took April forty minutes to do her puzzle. If she started at 12:01 p.m., what time did she finish the puzzle?	Mrs. Wilson used 3 boxes of tomatoes in the salad. There were 5 tomatoes in each box. How many tomatoes did she use in all?

Fill in the numbers.

23	24	
		35
		45

33			
43	44		
53			

76	77		79	80
	87		89	
		98		100

	62	
71	72	
91		

14		16			
	25				29
			37		
				48	

72	

word root **scrib** can mean **write or written** **indescribable**

Name: _____

Aiko made 20 cups of tea for the party. How many pints of tea did she make?

Circle the best estimate for the answer to:

173 + 91

230 280 330 260

Circle the odd numbers.

151	81	77	125
84	71	61	39
64	89	82	48

$9\overline{)54}$

$6\overline{)48}$

Add. Fill in the blanks.

+	6	9	3
1	☐	10	4
6	12	☐	☐

62 + 53 = _____

5 x 7 = _____

7 x 11 = _____

$\begin{array}{r} 36 \\ +\ 20 \\ \hline \end{array}$

Complete each analogy with the best word.

principal seats cars shoes feet learn adult grade

teacher : _____ ::
student : child

walking : _____ ::
driving : tires

$\begin{array}{r} 76 \\ 29 \\ +\ 16 \\ \hline \end{array}$

$2\overline{)8}$

- ladder
- laddor
- laadder
- ledur

Count by 6s.

87 _____ _____ _____ _____ 117

16 + ☐ = 28 7 + ☐ = 35

$\begin{array}{r} 47 \\ +\ 42 \\ \hline \end{array}$

7 + ☐ = 20 17 + ☐ = 28 34 + ☐ = 37 19 + ☐ = 24

Name: _____

9 8 - 5 4	You ask Amy for the time. She says in two minutes it will be one. Write the time on your digital clock: (:)	Which number is three hundred ninety-four? 394 493 349 3,940	8 ⟌ 24

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

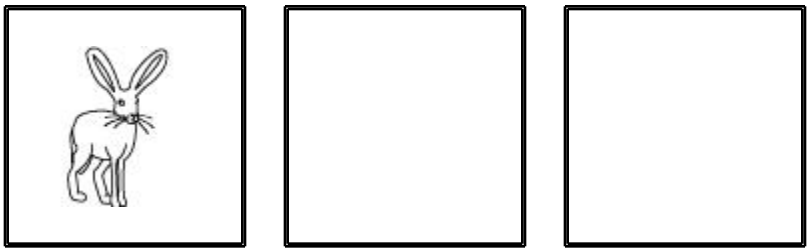
Draw 1 of these 3 pictures.
The picture IS in the correct spot.

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.
None of those pictures are in the correct spot.

Draw the 3 pictures in the correct order:



Fill in the blanks with these numbers:
7, 1, 3

☐	5	☐	
+ 2	☐	9	
9	7	2	

Fill in the blanks with these numbers:
1, 4, 4

☐	☐	9	
+ ☐	0	9	
8	2	8	

6 ⟌ 24

3 ⟌ 27

9 - 6 = ☐ 5 + 6 = ☐ 6 + 9 = ☐ 8 + 3 = ☐

Name: _____

1,050 - 861	594 + 416	185 + 826	1,016 - 157	458 - 267
424 + 102	1,576 - 734	747 + 521	1,097 - 730	810 + 214
703 - 589	597 + 767	843 + 347	1,423 - 913	1,019 - 606
242 + 603	1,353 - 943	145 + 245	751 - 321	340 + 382
795 - 188	969 + 156	381 + 162	1,286 - 642	1,916 - 926
903 - 104	795 + 572	973 + 142	1,309 - 888	223 + 751
355 + 809	1,021 - 102	1,170 - 752	601 + 213	934 - 548

8
+ 5
□
+ 8
□
+ 7
□
- 3
25
- □
18
+ 3
□
+ 4
25
- □
22
+ □
29
- □
21
+ □
24

Name: _____

Mental Math — #1 —

⌘ Start with the number 753. **753**

⌘ Round that number to the nearest ten. _____

6 7 9 7 7 5 0 9 4 6 (Circle your answer to double check you are correct.)

⌘ Add the number of cups in 1 quart. _____

9 5 4 7 5 4 2 8 1 7

⌘ Divide that number in half. _____

3 7 7 9 8 8 3 7 1 8

⌘ Add the digits in your number. The sum of that is your new number. _____

1 1 7 6 9 0 8 2 7 6

Mental Math — #2 —

☼ Start with the number 424. _____

1 3 2 1 7 4 2 4 9 0 (Circle your answer to double check you are correct.)

☼ Add the digits in your number. The sum of that is your new number. _____

1 8 1 0 9 9 8 0 5 1

☼ Add the number of days in a week. _____

9 0 1 8 7 2 5 1 7 4

☼ Subtract 5. _____

8 2 6 2 3 0 1 2 4 4

☼ Add 7 hundreds. _____

6 8 7 7 1 2 2 3 3 3

Name: _____

Eric and Hannah have the same amount of money. Eric has 6 nickels and 7 dimes. If Hannah has 4 dimes, then how many nickels does she have?

Make your own equation.

___ - 18 = ___

Find a clock. What time is it right now?

C, _____, I, L, O, R, U, X

double 900

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

5 - 2 - 2 + 2

Rewrite the adjective as an adverb.

clever

_____

16 + ☐ = 18

7 + ☐ = 22

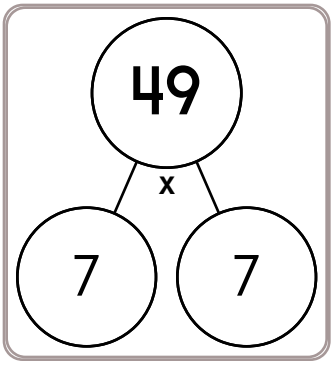
6 + ☐ = 21

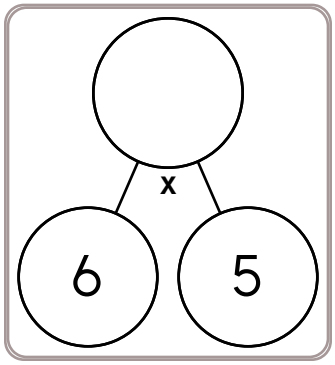
24 + ☐ = 34

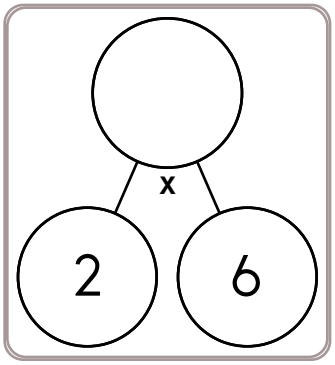
Name: _____

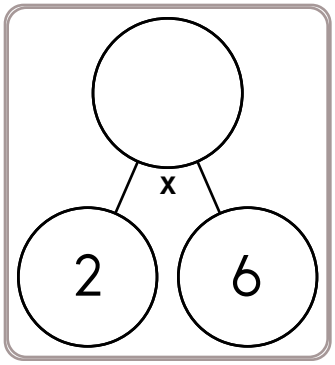
3 x 5 =	3 x 3 =	9 x 7 =
3 x 4 =	2 x 6 =	2 x 3 =
9 x 9 =	3 x 9 =	9 x 2 =
2 x 4 =	6 x 3 =	9 x 4 =

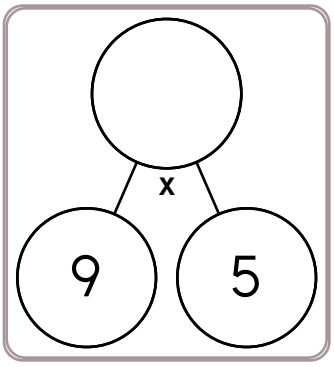
___ x 5 = 25	8 x ___ = 16	___ x 5 = 35
4 x ___ = 28	___ x 4 = 12	___ x 7 = 63
8 x ___ = 48	9 x ___ = 18	3 x ___ = 24
5 x ___ = 10	___ x 6 = 24	___ x 9 = 18

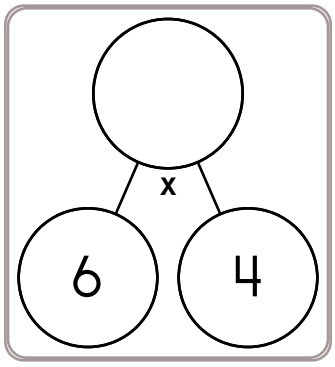


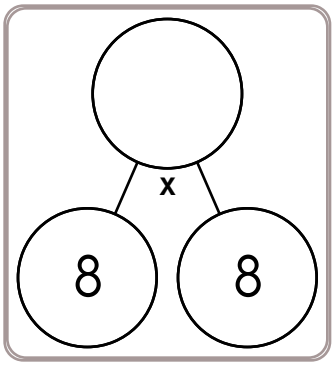


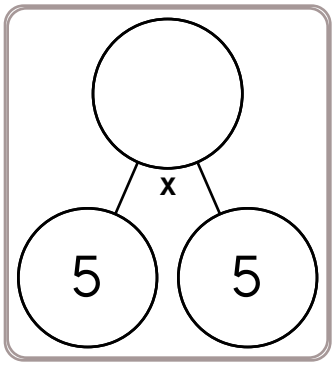




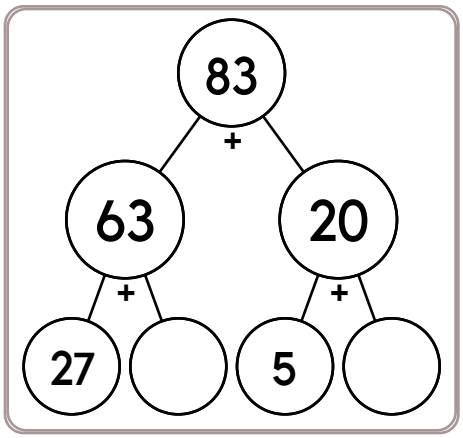


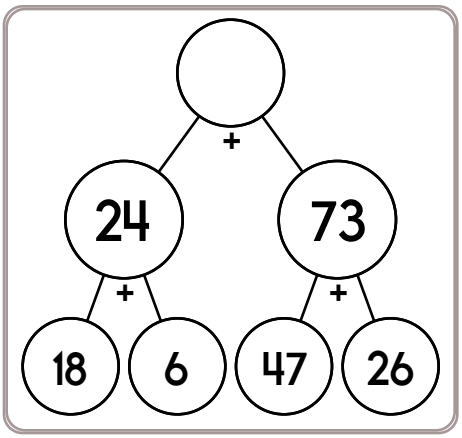


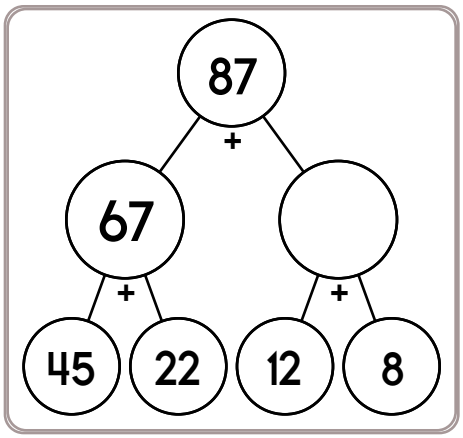


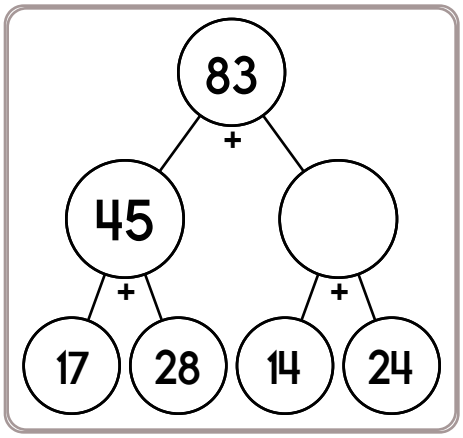


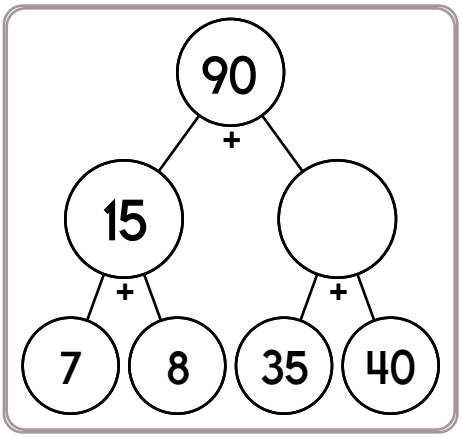
Name: _____

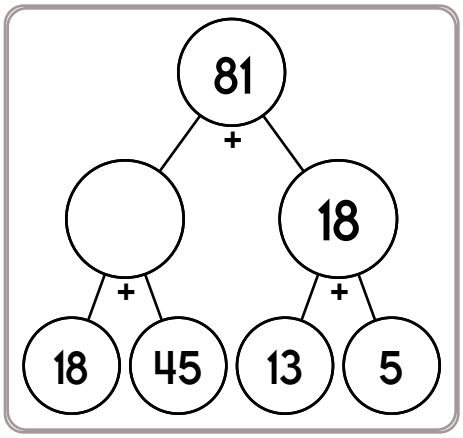


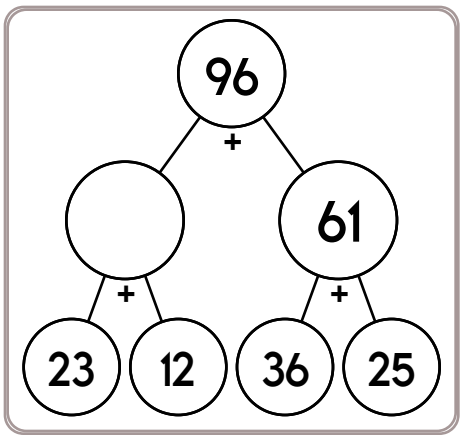


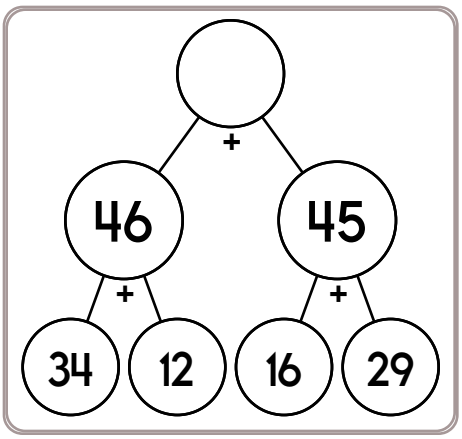


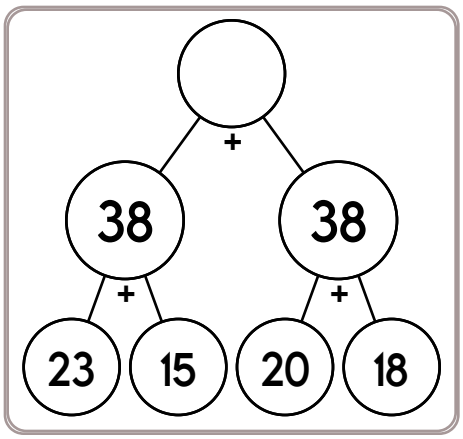


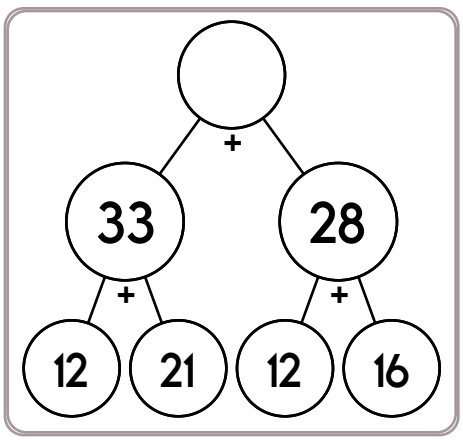


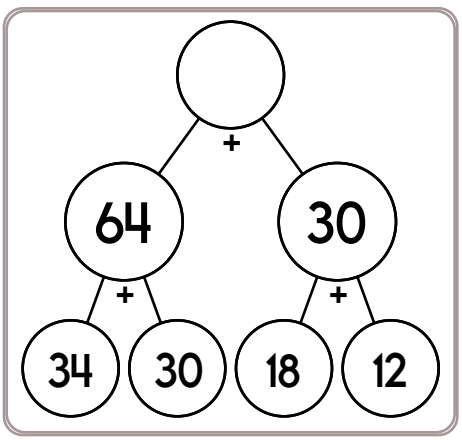


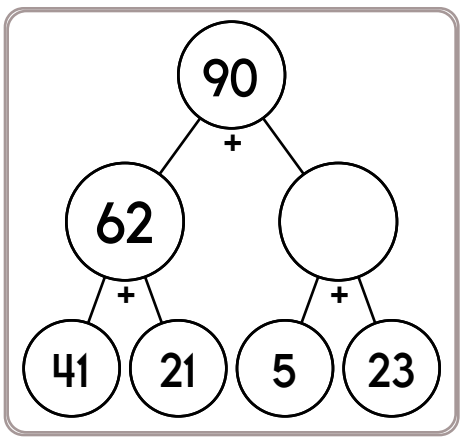












word root **dict** can mean **say or speak** **contradict, diction, predict**

Name: _____

Find the way from START to END by passing only through numbers that are multiples of nine.

You are not allowed to go diagonally. Good luck!

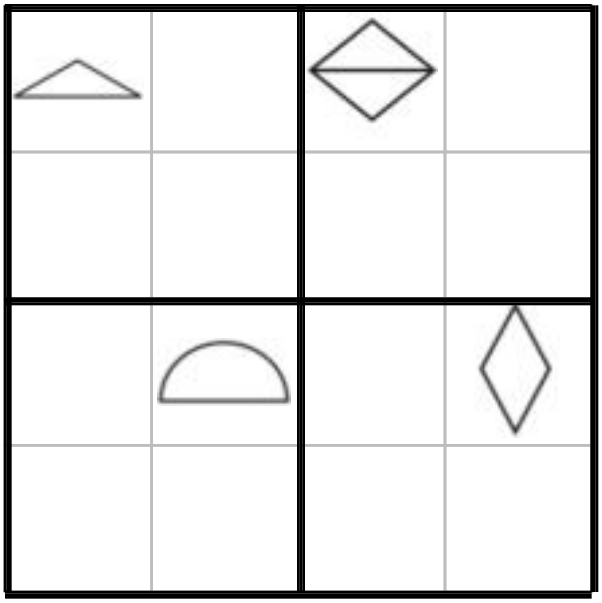
START	42	24	88	76	42	94
90	84	40	98	62	76	86
54	58	18	90	17	42	8
54	63	54	9	18	39	78
24	66	67	76	9	9	8
13	5	82	17	62	0	45
2	4	5	7	2	85	90
44	76	24	32	75	46	36
82	14	66	8	26	62	36
46	60	49	22	26	89	END

Name: _____

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

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

Each row, column, and box must have 4 different pictures.



Name: _____

Sudoku Sums of 9

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 9.

Here is an example of a sudoku sum of 9:

3	6

1		5			
	6				
	5	1	6		4
	1				
3		4		5	

Circle the number that is largest.

1,001 1,010

1,100

9 hundreds, 2 tens, 5 thousands

How many hours are there from 5 a.m. to 6 p.m.?

9, 11, 13, _____, 17, 19

What number multiplied by four is twelve?

It is 8:42 when Amy leaves her house. She arrives at school at 9:09. How much time has passed?

Name: _____

Each row, column, and box must have the numbers 1 through 6.

				1	
	3			4	
		5			6
		3		5	
	4				
6			2		

miss • friend • bare • bail • brave • measles

Each row, column, and box must have all the words from the word list. Write in the missing words.

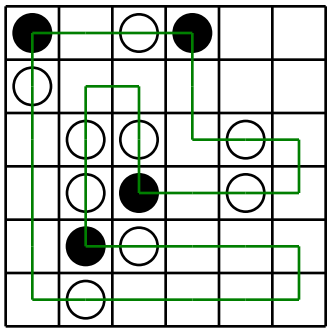
			measles		
bare		measles			
		brave			
	miss				
	measles	miss	bail		brave
	bail			miss	

Name: _____

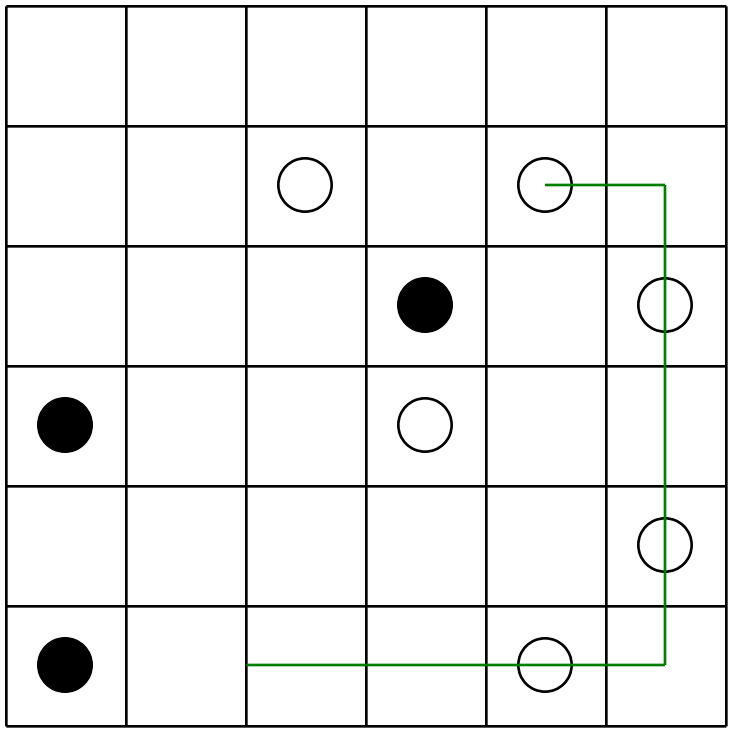
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The first puzzle shows a correct line going through all the circles.

Example:



Finish the line:



Add. Fill in the blanks.

+	5	7	8
8		15	
7	12		15

Round to the nearest ten.

4,116 is rounded to _____

76,728 is rounded to _____

17,183 is rounded to _____

$$\begin{array}{r} 55 \\ -\ 46 \\ \hline \end{array} \qquad \begin{array}{r} 91 \\ -\ 89 \\ \hline \end{array} \qquad \begin{array}{r} 92 \\ -\ 16 \\ \hline \end{array} \qquad \begin{array}{r} 49 \\ -\ 38 \\ \hline \end{array} \qquad \begin{array}{r} 61 \\ +\ 78 \\ \hline \end{array}$$

17 + ☐ = 36

5 + ☐ = 37

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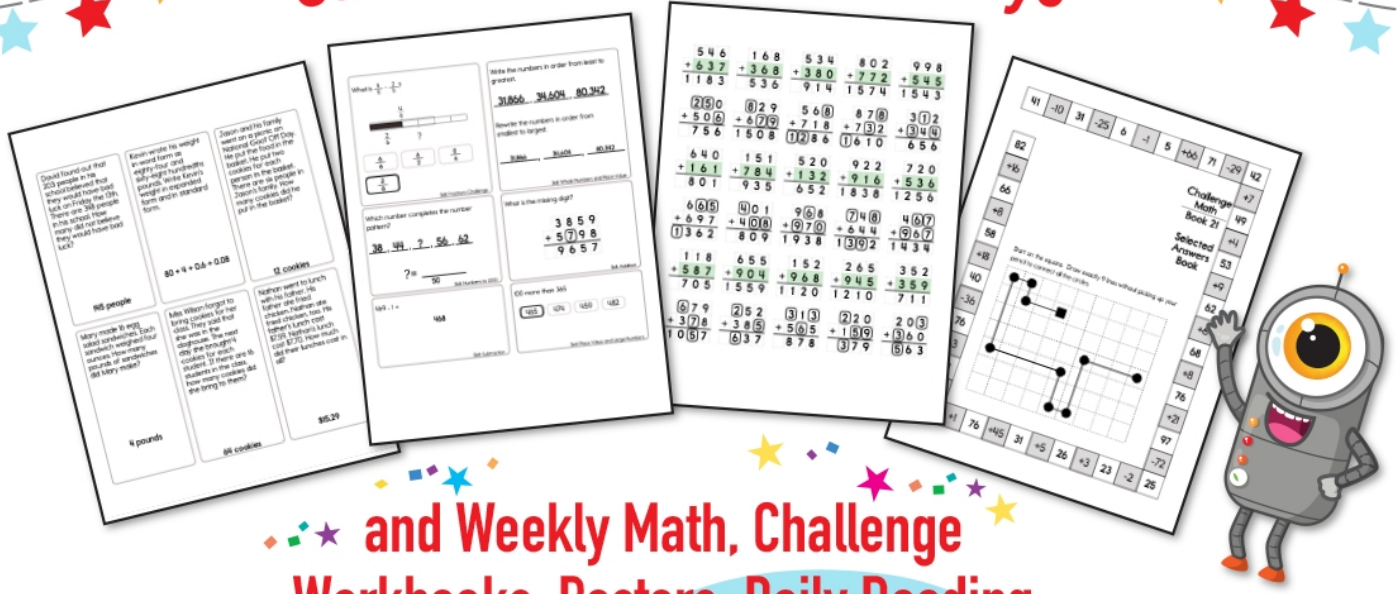

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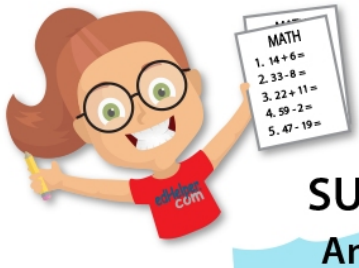

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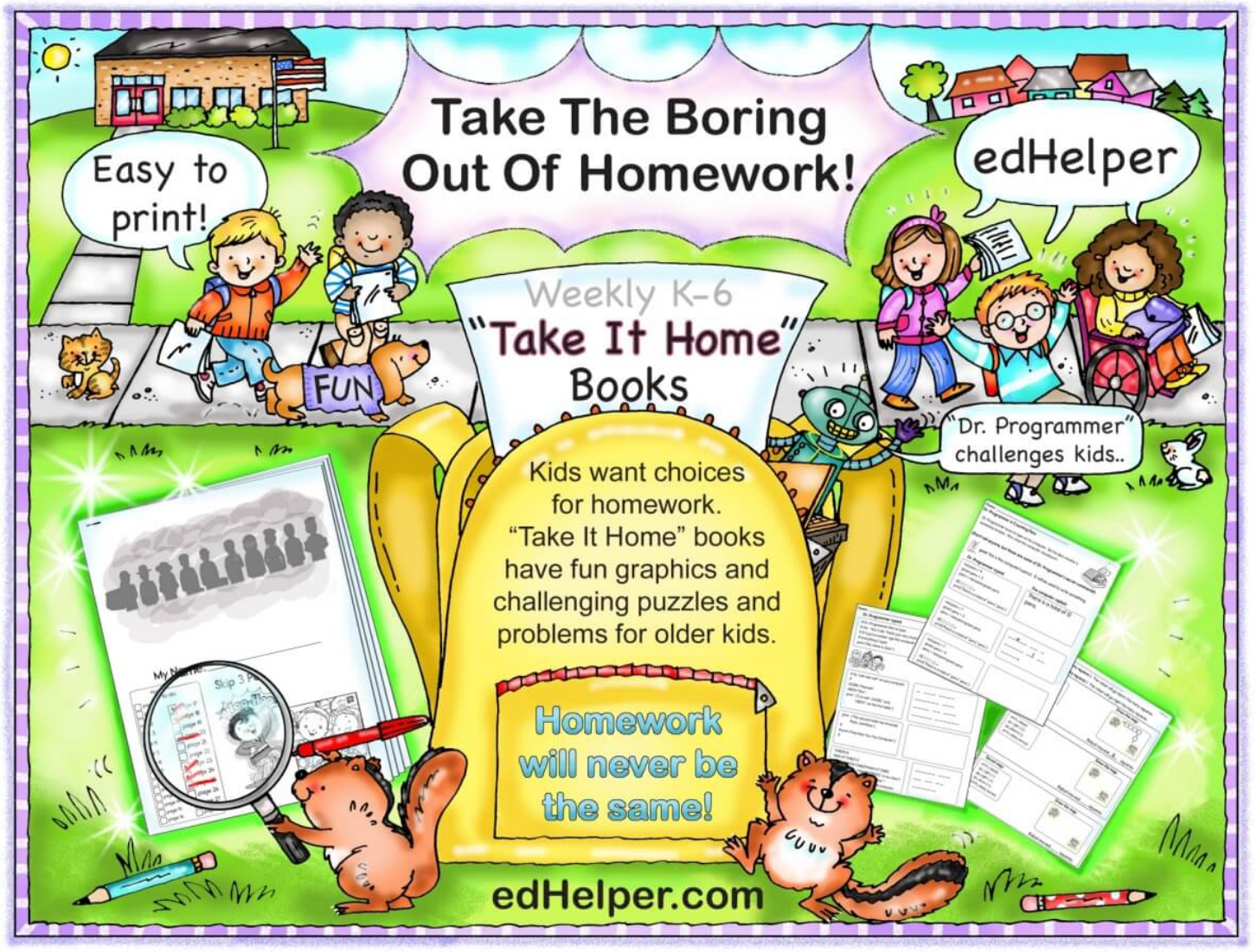
More puzzles!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