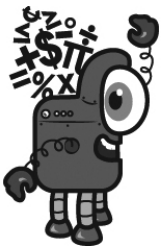
Name: _____

Mental Math — #1 —



- Start with the sum of 11 and 4. **15**
- Add 3 tens. _____

  4 5 7 4 1 3 4 6 9 2 (Circle your answer to double check you are correct.)
- Add the digits in your number. The sum of that is your new number. _____

  9 5 2 2 6 9 8 1 9 4
- Multiply by 8. _____

  2 7 2 9 8 6 7 3 3 6
- Add the digits in your number. The sum of that is your new number. _____

  9 3 6 9 1 4 4 0 5 7

Mental Math — #2 —

- ☺ Start with the product of 4 and 3. _____

  6 5 1 2 5 1 3 0 1 1 (Circle your answer to double check you are correct.)
- ☺ Increase that number by 8. _____

  2 8 6 5 2 0 3 4 8 3
- ☺ Divide that number in half. _____

  3 6 6 8 5 8 2 1 0 7
- ☺ Multiply by 6. _____

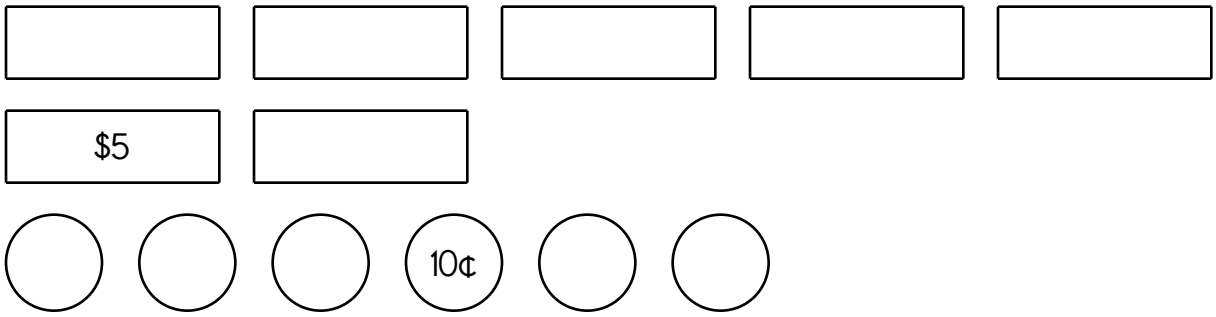
  4 0 6 8 5 9 6 0 3 2
- ☺ Add the number of cups in 1 quart. _____

  6 4 7 4 4 3 3 3 1 9

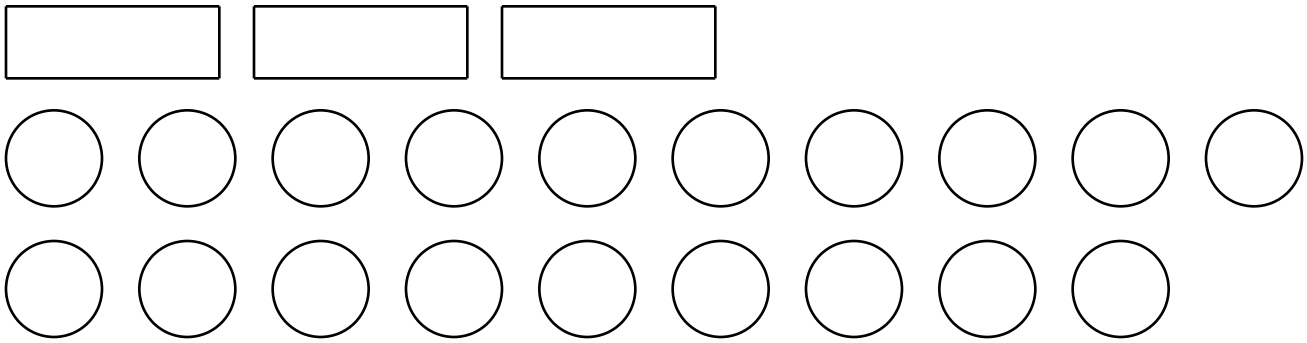
Name: _____

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

Bill has $60.41. He has 7 bills and 6 coins. How?



Bill has $26.22. He has 3 bills and 19 coins. How?



Pam has $30.25. She has 2 bills and 3 coins. How?

Pam has $51.95. She has 4 bills and 5 coins. How?

word root **gress** can mean **step** **progress, digress**

Name: _____

Jacob bought a jar of honey for $5.32 and a book about bees for $9.68. How much did he spend in all?

Jenna read 4 pages of her short story book every day. How many pages did she read in 6 days?

I am an odd whole number. I am greater than 0 and I am also less than 20. If you multiply me by 4 the product will be less than 1. What possible number or numbers could I be?

April just got a phone. The first day she got the phone she played for only 9 minutes. Not sure why she didn't play more than that. Every day after that, for the next 3 days, she doubled how much time she played on her phone. On day 3 how long did she play on her phone?

6 + ☐ = 8 18 + ☐ = 36 22 + ☐ = 30 22 + ☐ = 34

Name: _____

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

A

	53	83	54
-	67	25	64
	30	81	61

Find a subtraction fact.

B

	94	85	74
-	29	8	49
	37	50	16

Find a subtraction fact.

C

	20	33	14
-	38	58	37
	45	64	93

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	83	-	53	=	30
B		-		=	29
C		-	20	=	

$$\begin{array}{r} 1\,2 \\ +\ 1\,5 \\ \hline \end{array}$$

Fill in the blanks with these numbers:
3, 4, 3

$$\begin{array}{r} \square\ 0 \\ \square\ \square \\ +\ 2\ \ 2 \\ \hline 9\ \ 5 \end{array}$$

Fill in the blanks with these numbers:
0, 9, 1

$$\begin{array}{r} \square\ \square \\ 3\ \ 2 \\ +\ 5\ \ 5 \\ \hline \square\ \ 7 \end{array}$$

4 + ☐ = 8

11 + ☐ = 17

4 + ☐ = 7

14 + ☐ = 19

13 + ☐ = 26

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

Name: _____

Jacob has 12 card games. He puts the games into piles of 3. How many piles does he make?	Jessica and April bought some candy canes. They had $3. The candy canes cost $1.63. How much money did they have left?	Jenna bought a puzzle for her brother. The puzzle cost $2.89. Jenna gave the clerk $5. How much change did she get?

$3\overline{)18}$ $8\overline{)24}$

Write an even number with a three in the tens place.

_____

Fill in the blanks with these numbers:
0, 3, 2

$$\square\square + 17 = \square 7$$

Fill in the blanks with these numbers:
0, 1, 6

$$\square 2 + \square\square = 72$$

83 - 66 = _____

57 - 29 = _____

24 + ☐ = 35

$$\begin{array}{r} 28 \\ -\ 12 \\ \hline \end{array}$$

Write a word problem for 3 x 3 = 9.

Write a word to describe March.

_____

$$\begin{array}{r} 75 \\ -\ 62 \\ \hline \end{array} \qquad \begin{array}{r} 46 \\ -\ 38 \\ \hline \end{array} \qquad \begin{array}{r} 86 \\ -\ 12 \\ \hline \end{array} \qquad \begin{array}{r} 76 \\ -\ 68 \\ \hline \end{array}$$

word root **con** can mean **together or with** **conclusive, contract, convince**

Name: _____

Fill in the boxes so each line equals 10.

10
☐ ÷ 2
☐ x 5
☐ - 6
(☐ - ☐) + 9

- ○ cet
- ○ ceent
- ○ cint
- ○ cent

$$\begin{array}{r} 28 \\ +\ 37 \\ \hline \end{array}$$

- ○ steet
- ○ streeet
- ○ streat
- ○ street

Color in $\frac{1}{2}$ of the rectangle.

54 + 9 = _____

31 + ☐ = 35

$$\begin{array}{r} 23 \\ +\ 28 \\ \hline \end{array}$$

Fill in the blanks with these numbers:
6, 1, 8

$$\begin{array}{r} \square\ \square \\ -\ \square\ 7 \\ \hline 6\ \ 9 \end{array}$$

Fill in the blanks with these numbers:
9, 0, 6

$$\begin{array}{r} \square\ \square \\ -\ 2\ \ 5 \\ \hline \square\ \ 5 \end{array}$$

$$\begin{array}{r} 6 \\ \times\ 7 \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ \times\ 7 \\ \hline \end{array}$$

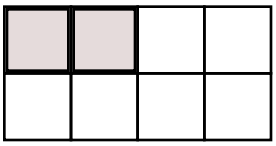
$$\begin{array}{r} 37 \\ +\ 50 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times\ 12 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ \times\ 8 \\ \hline \end{array}$$

38 - 2 = _____

$$\begin{array}{r} 50 \\ -\ 36 \\ \hline \end{array}$$

What fraction of the box is shaded?



$\frac{\square}{4}$

$5\overline{)35}$

$$\begin{array}{r} 10 \\ \times\ 7 \\ \hline \end{array} \qquad \begin{array}{r} 11 \\ \times\ 9 \\ \hline \end{array}$$

Name: _____

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

			Y	L		T	R	P	G
T	S	T	N	N	W			G	S
N	F	R		B		N	F		B
	L		W		N	T			
S			N	T	D	C	P		
T	G	R		F	L			T	D
	T	A	G	A	I	N		H	N
R		C	R		T	W	D		R
B		D		C	T		R		
	F	R	S		M	P	L		T

SIMPLE • WANT • IN • STAR
FLOAT • AGAIN • BEAD • ROBIN
FLAG • DOCTOR

11 x 8 = _____

8 x 6 = _____

$3\overline{)9}$

$6\overline{)12}$

Fill in the blanks with these numbers:
1, 1, 0

$$\begin{array}{r} 4\ \square \\ -\ 2\ \square \\ \hline 2\ \square \end{array}$$

Fill in the blanks with these numbers:
8, 2, 6

$$\begin{array}{r} 2\ \square \\ +\ \square\ \square \\ \hline 9\quad 0 \end{array}$$

$$\begin{array}{r} 5 \\ \times\ 6 \\ \hline \end{array} \qquad \begin{array}{r} 9 \\ \times\ 2 \\ \hline \end{array}$$

$9\overline{)63}$

Expand the number.

843 = _____ + _____ + _____

$$\begin{array}{r} 17 \\ +\ 91 \\ \hline \end{array} \qquad \begin{array}{r} 94 \\ +\ 69 \\ \hline \end{array} \qquad \begin{array}{r} 25 \\ +\ 32 \\ \hline \end{array}$$

word root **per** can mean **through or very** **perennial**

Name: _____

659 + 396	487 + 555	681 + 300	894 - 161	1,621 - 785
558 - 326	337 + 886	659 + 793	599 + 630	1,108 - 699
570 - 258	835 - 551	741 - 107	937 + 887	759 + 226
1,594 - 730	690 - 585	976 + 688	1,100 - 591	954 + 599
1,341 - 423	852 + 944	107 + 318	1,524 - 589	1,682 - 844
811 + 391	491 + 744	958 + 684	1,299 - 479	1,694 - 727
575 + 865	709 + 602	1,582 - 866	372 + 597	1,132 - 459

7 + 4 = ☐

☐ + 6 = 24

☐ + 7 = 33

33 - ☐ = 4

☐ - 3 = 27

27 + ☐ = 29

29 - ☐ = 23

23 - ☐ = 14

14 + 3 = ☐

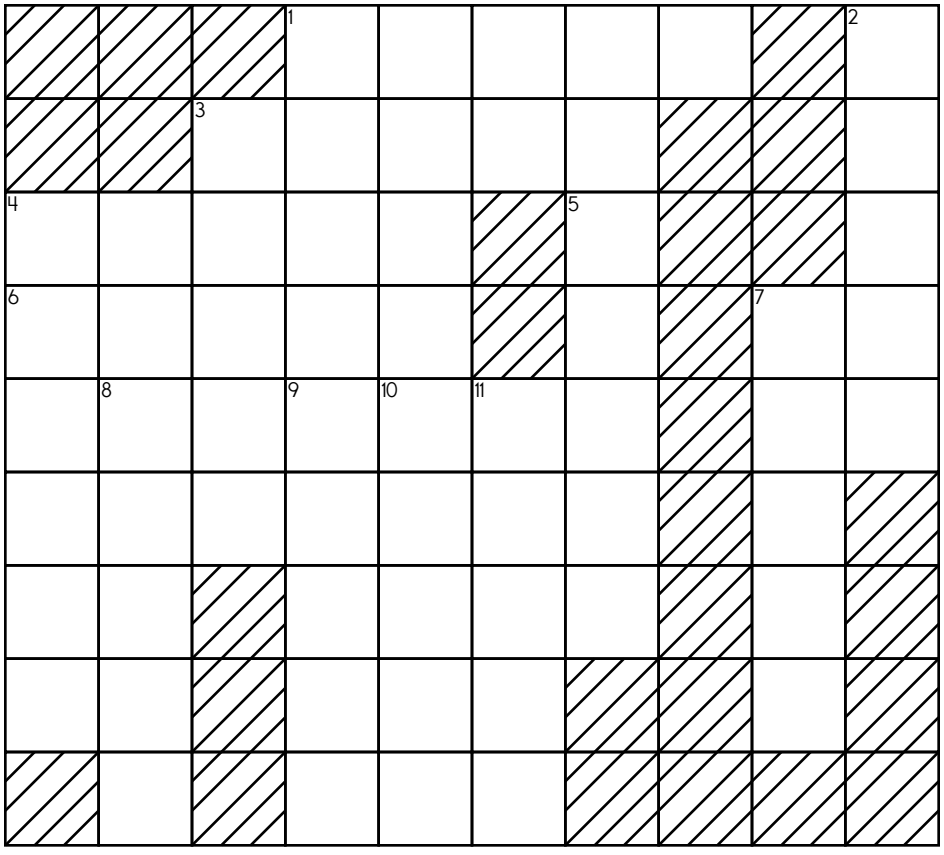
Name: _____

ACROSS

1. the tens in 3-Across + the ten thousands in 9-Down + the thousands in 8-Down + the hundreds in 10-Down
3. the ones in 10-Down + the ten thousands in 4-Across + the tens in 5-Down
4. the ten thousands in 10-Down + the thousands in 5-Down + the tens in 2-Down
6. the ten thousands in 6-Down + the tens in 2-Down + the ones in 3-Down + the thousands in 11-Down

DOWN

2. the ones in 10-Down + the tens in 6-Down + the thousands in 5-Down + the ten thousands in 3-Down
3. the tens in 5-Down + the ones in 6-Down + the ten thousands in 10-Down
5. **eighty-six thousand, twenty-eight**
6. **forty-eight thousand, nine hundred seventy-five**
7. the ten thousands in 2-Down + the ones in 10-Down + the tens in 3-Down + the thousands in 6-Down
8. the ten thousands in 4-Across + the tens in 3-Across + the thousands in 7-Down
9. the ten thousands in 3-Down + the tens in 7-Down + the thousands in 4-Across + the ones in 3-Across
10. **thirty-one thousand, eight hundred eighteen**
11. the tens in 3-Across + the ten thousands in 3-Down + the ones in 10-Down + the thousands in 7-Down



Name: _____

Sara likes to surprise her friends. She is baking cookies for her 3 friends. If she made 24 cookies, how many cookies should she put into the 3 boxes that she's making to give an equal amount to each of her friends?

_____ ◯ _____ = _____

For Fun Day, Wendy set up a booth. She has some huge stuffed animals for the winners. Next, she set up 3 buckets. Alex wants to play.
"Hi, Alex. Here are 11 tennis balls. You have to toss an equal number of tennis balls into the 3 buckets."
What is the largest number of tennis balls Alex can toss into each bucket?

12 ÷ 2 = ____

13 ÷ 2 = ____ with a remainder of ____

9 ÷ 3 = ____

11 ÷ 3 = ____ with a remainder of ____

32 ÷ 4 = ____

35 ÷ 4 = ____ with a remainder of ____

33 ÷ 4 = ____ with a remainder of ____

21 ÷ 3 = ____

22 ÷ 3 = ____ with a remainder of ____

23 ÷ 3 = ____ with a remainder of ____

24 ÷ 3 = ____ with a remainder of ____

25 ÷ 3 = ____ with a remainder of ____

Amy is babysitting Jacob, and that always means they will be playing with blocks. Amy decided to teach Jacob about even numbers. They have 16 blocks and put them into 2 groups. How many blocks will be in each group?

"That was too easy," said Jacob.
"Okay," replied Amy. "Let's try putting 17 blocks into 3 equal groups of blocks."

If you were Jacob, what would you do?

Hint: If you try to to make 3 equal groups, you will not be able to. You will have a remainder. Pretend you are Amy and tell Jacob about remainders.

___ ÷ ___ = ___ with a remainder of ___

Pick a dividend that when divided by 4 will leave a remainder of 1.

____ ÷ 4 = 25 with a remainder of 1

Can you make your own equation with a remainder of 2?

____ ÷ ____ = ____ with a remainder of 2

Pizza party! Pizza party! The pizza place delivered a total of 7 pizzas. There are 49 slices altogether. How many slices are there in each pizza pie?

Each pie has _____ slices.

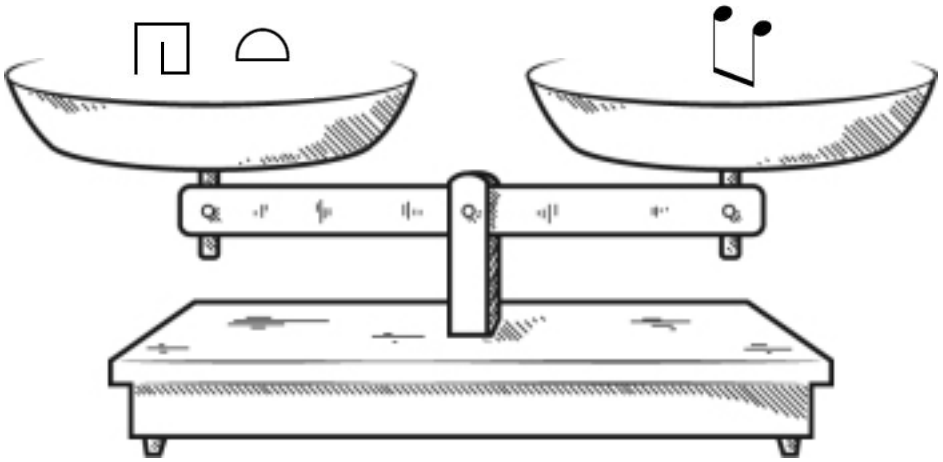
_____ ◯ _____ = _____

Name: _____

x	0	1	2	3	4	5	6	7	8	9
2				6						
3							18			
4		4								
5					20					
6			12							
7	0									
8										72
9						45				

3 x 2 =	9 x 3 =	6 x 2 =	7 x 7 =	6 x 4 =
9 x 3 =	7 x 6 =	6 x 2 =	8 x 1 =	8 x 6 =
6 x 5 =	4 x 6 =	8 x 9 =	3 x 3 =	2 x 7 =
1 x 9 =	5 x 8 =	3 x 8 =	0 x 2 =	2 x 6 =
6 x 5 =	4 x 4 =	9 x 0 =	4 x 8 =	7 x 9 =

Name: _____



It may help to give values to pictures.

= 5

= 9

= ____

You should only mark TRUE if you are absolutely sure it is correct!

> True ☐ False ☐

> True ☐ False ☐

= True ☐ False ☐

< True ☐ False ☐

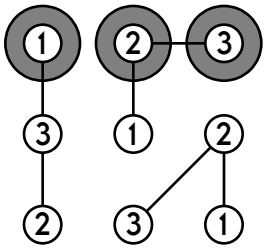
= True ☐ False ☐

= True ☐ False ☐

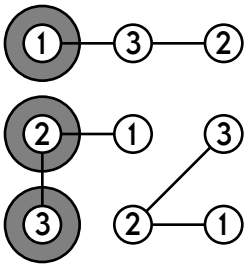
Did you find that two are true? If not, look again!

Name: _____

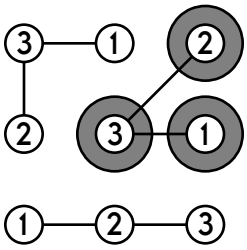
Each column must contain different numbers.

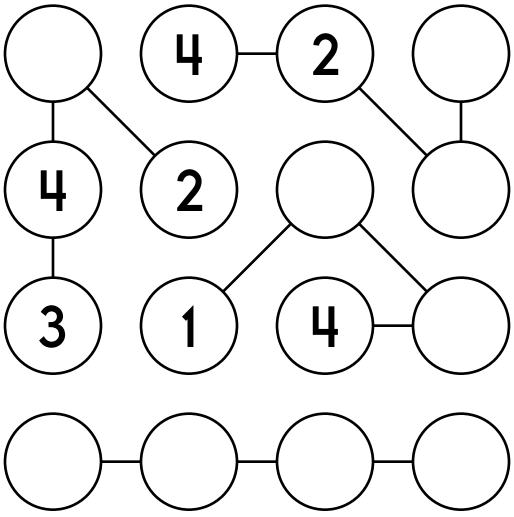


Each row must contain different numbers.

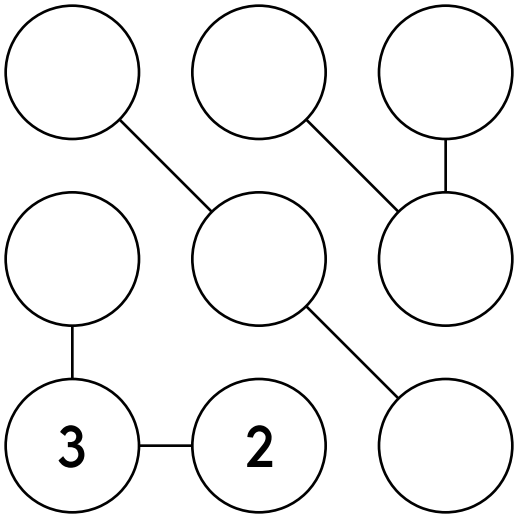


Each connected group must contain different numbers.

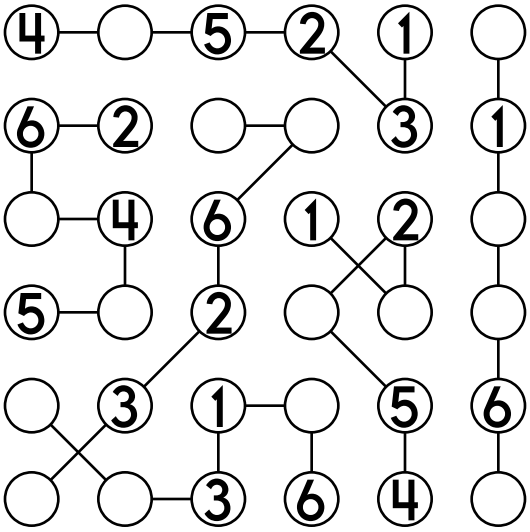




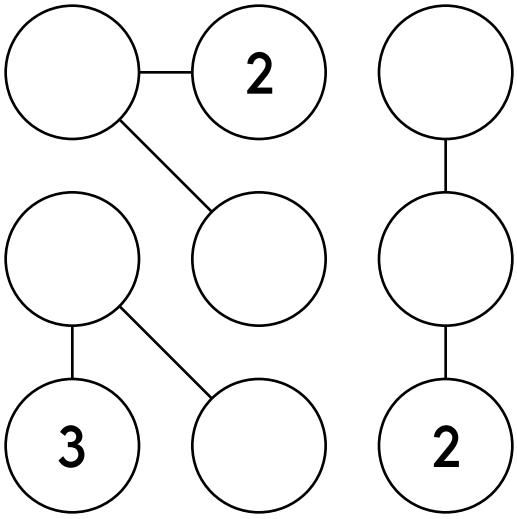
Use the numbers 1 through 4.



Use the numbers 1 through 3.



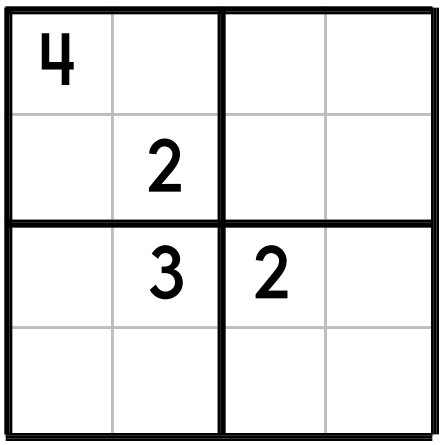
Use the numbers 1 through 6.



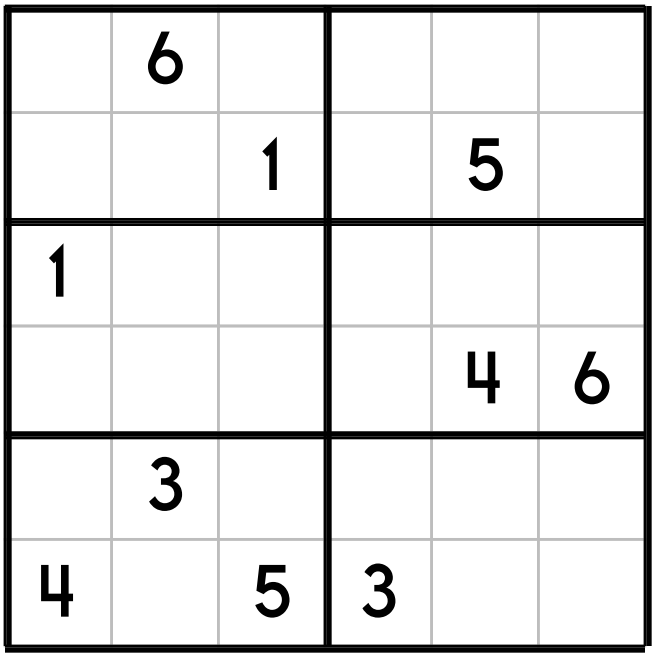
Use the numbers 1 through 3.

Name: _____

Each row, column, and box must have the numbers 1 through 4.



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



Which number is one thousand, four hundred fifty-nine?

1,459 49,105
9,154 14,590

$9\overline{)27}$ $6\overline{)36}$ $2\overline{)16}$

6 - 1 = ☐ 4 + 5 = ☐ 8 - 2 = ☐ 5 + 9 = ☐

Name: _____

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

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

six • whistle • depend • hang • teeth • represent

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

hang	six		whistle		
represent					
		teeth		represent	
	depend		six		
					depend

Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.
A block with 2 spaces must have the numbers 1 and 2.
A block with 3 spaces must have the numbers 1, 2, and 3.
A block with 4 spaces must have the numbers 1, 2, 3, and 4.

2	4	1	3
2	4	1	3
1	3	2	4

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

4 1 2 3

		1	4
		3	2
3	2	1	4
1	4	3	2

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

2 1 3 4

	1			2
3	4	3	4	3
1		1	2	1
	3	4		
1	2	1	2	1

Hint - These numbers are missing:

4 2 1 2 3 2 4

1	4	2		
		1	4	2
1	4	2		1
2			4	2
1	4	2	3	1

Hint - These numbers are missing:

3 3 1 1 3 2 3

Name: _____

Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 4.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.

Here is an example of a sudoku sum of 7:

1	6

	2		3
	3		
	4		2

Sudoku Sums of 9

The sudoku sums in this puzzle is 9. Use the numbers 1 through 6.

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

4 + ☐ = 15 19 + ☐ = 37 17 + ☐ = 35 18 + ☐ = 24

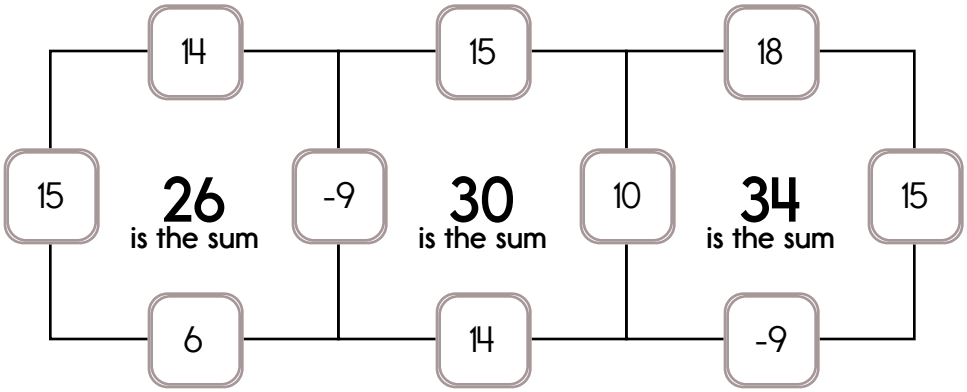
Name: _____

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

Example:
15 + 14 + 6 - 9 = 26

Example:
10 + 15 + 18 - 9 = 34

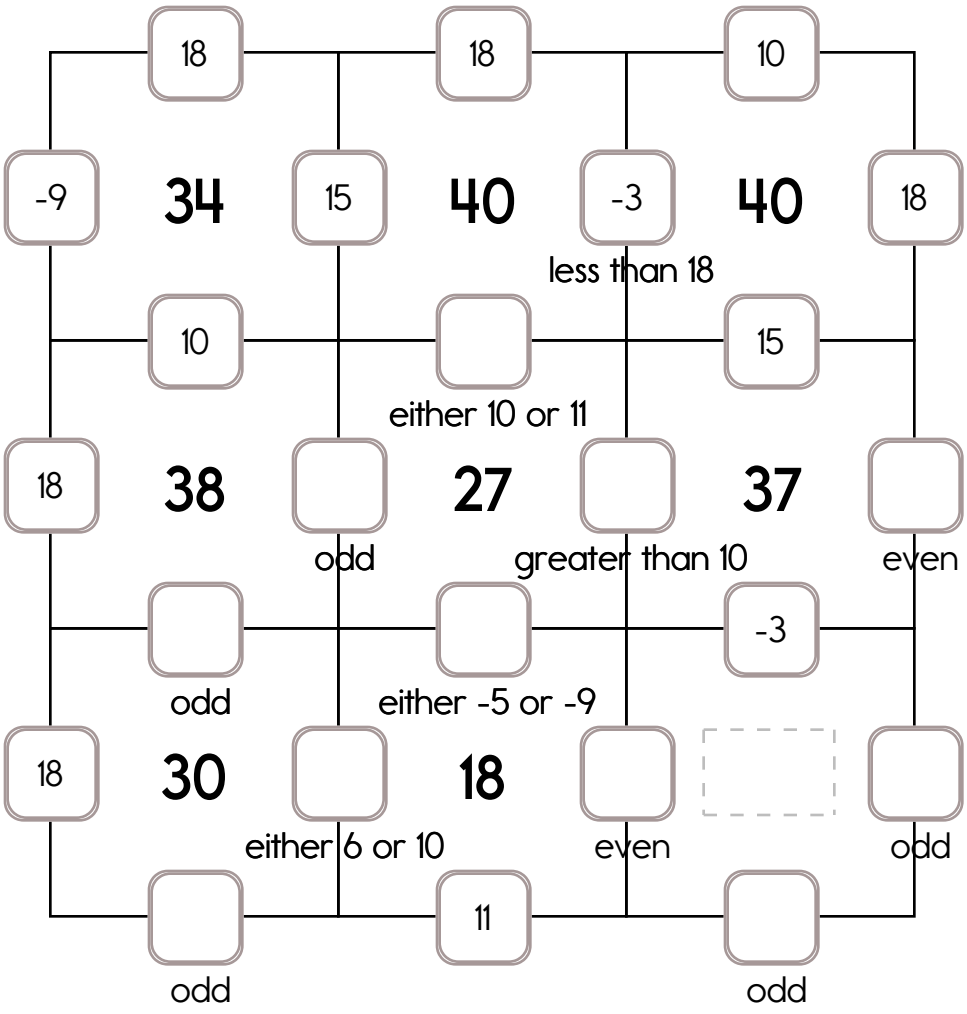
Sample:



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: -5, -9, or -3.

The other three numbers have to all be DIFFERENT and must be from these: 15, 11, 14, 18, 6, or 10.

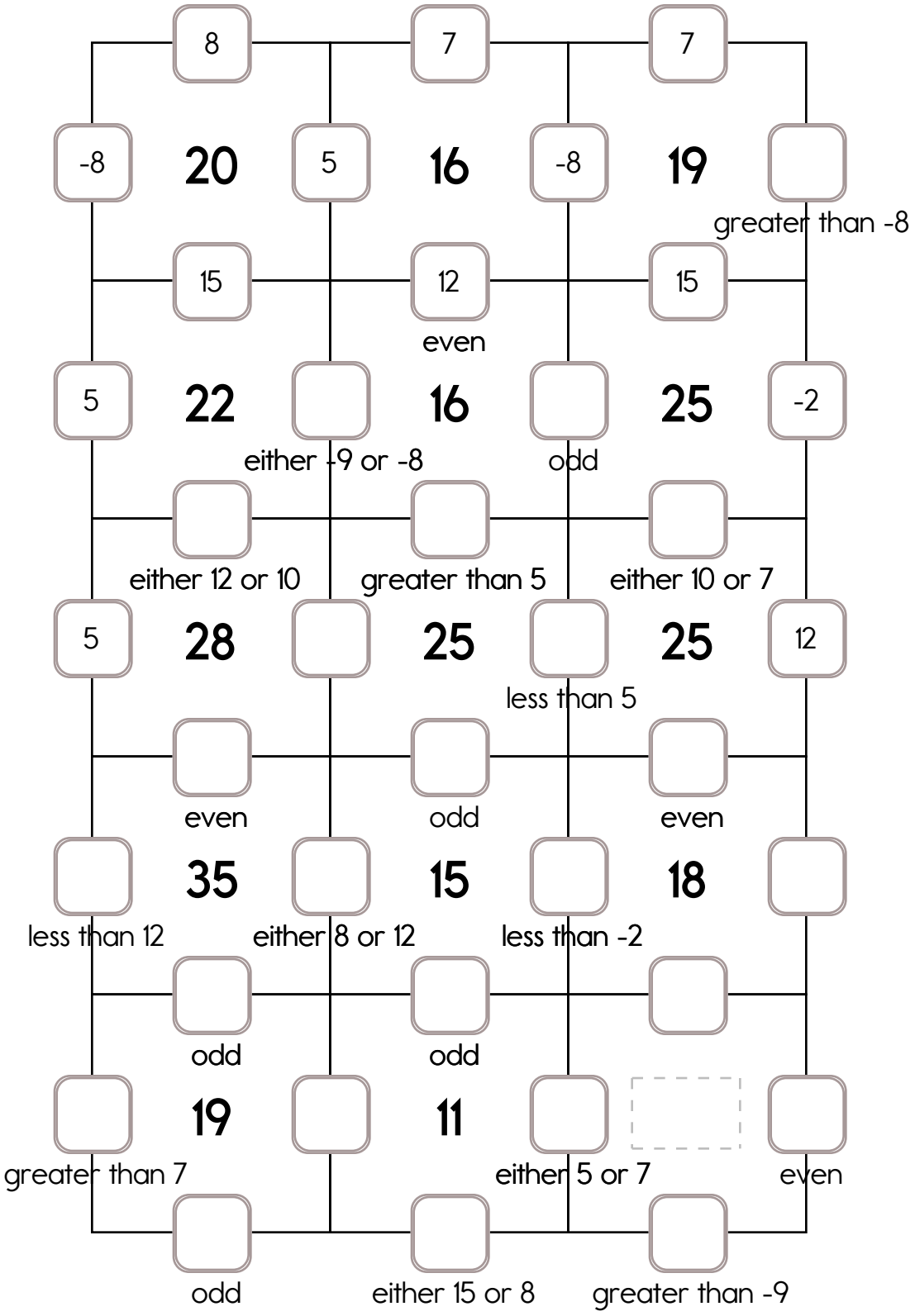


Name: _____

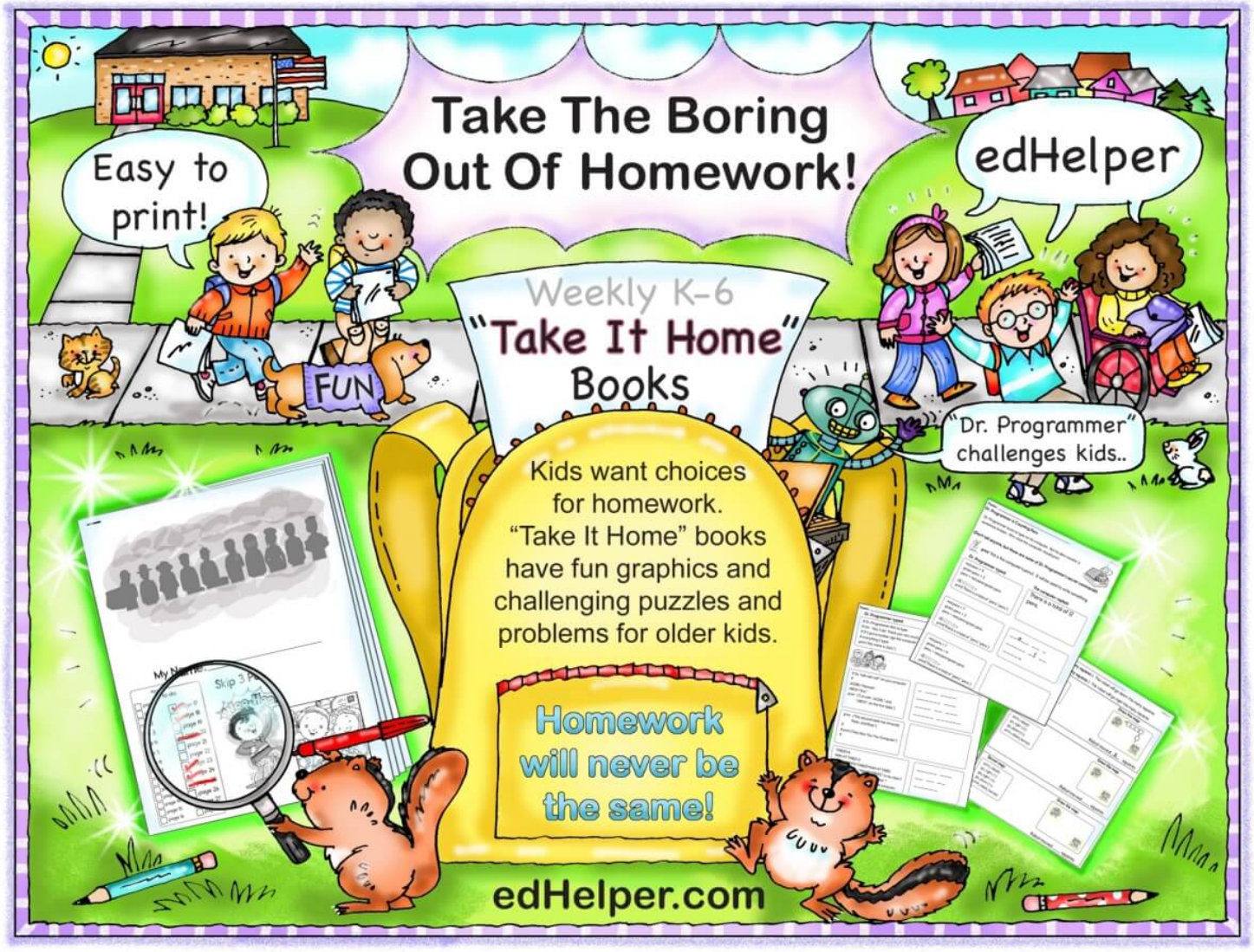
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: -8, -9, or -2.

The other three numbers have to all be DIFFERENT and must be from these: 8, 15, 7, 10, 12, or 5.




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!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