



Hope you enjoy this free bundle of worksheets. Please check the bottom left to find the suggested grade level of each. You can find printables in this book that contain K-6th grade materials.

Name: \_\_\_\_\_

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

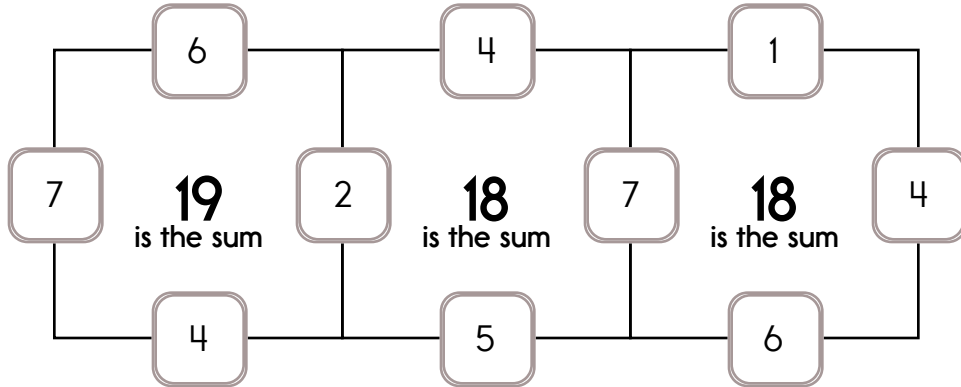
Example:

$$7 + 2 + 6 + 4 = 19$$

Example:

$$7 + 4 + 1 + 6 = 18$$

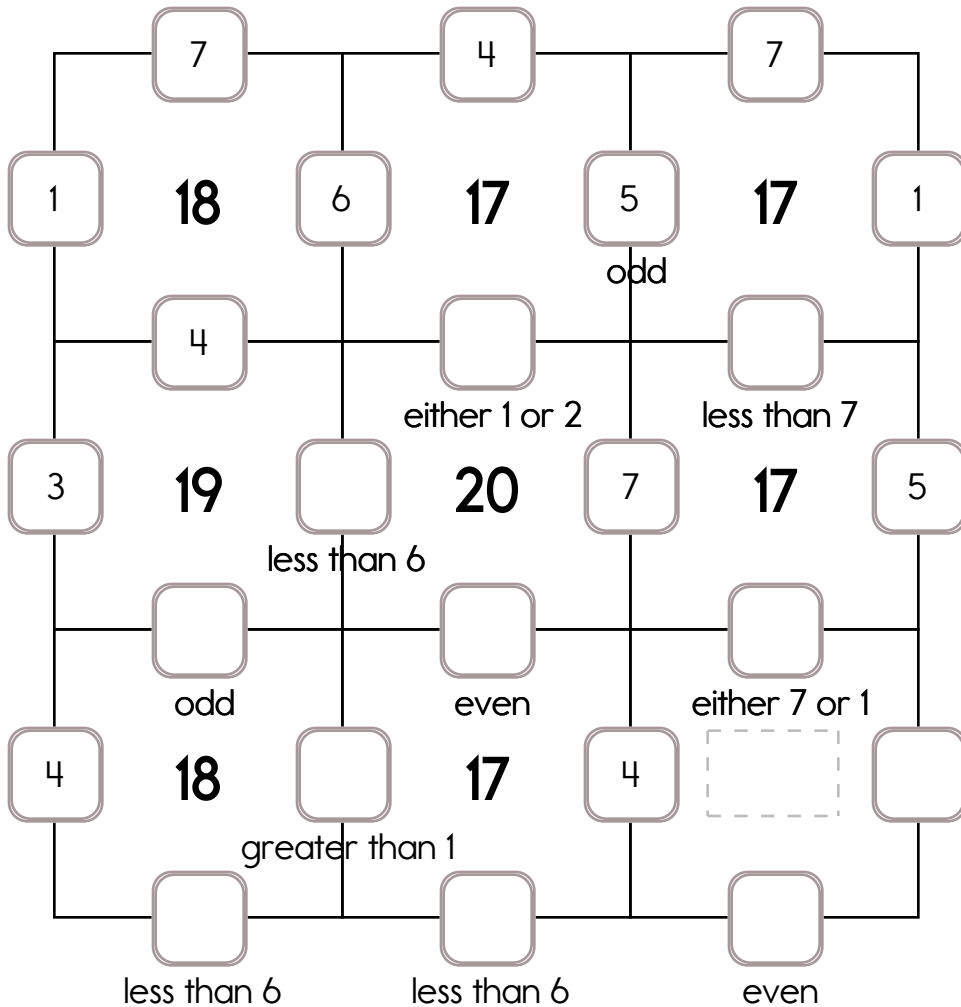
Sample:



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: 1, 2, or 3.

The other three numbers have to all be **DIFFERENT** and must be from these: 4, 5, 6, or 7.



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: 1, 2, or 3.

The other three numbers have to all be DIFFERENT and must be from these: 4, 5, 6, or 7.

	7		7		5	
1	18	6	20	4	19	7
			even			
	4				3	
			either 2 or 3			
2	17		21		21	
		odd		odd		odd
	greater than 4		either 6 or 4		either 7 or 6	
1	18		21		19	7
		odd		odd		
	even		odd		odd	
	19		21		18	
		greater than 1	either 6 or 3		greater than 3	
	greater than 4		odd		even	
	18		19			
		either 6 or 3	even	odd		odd
			odd		odd	

Name: \_\_\_\_\_

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

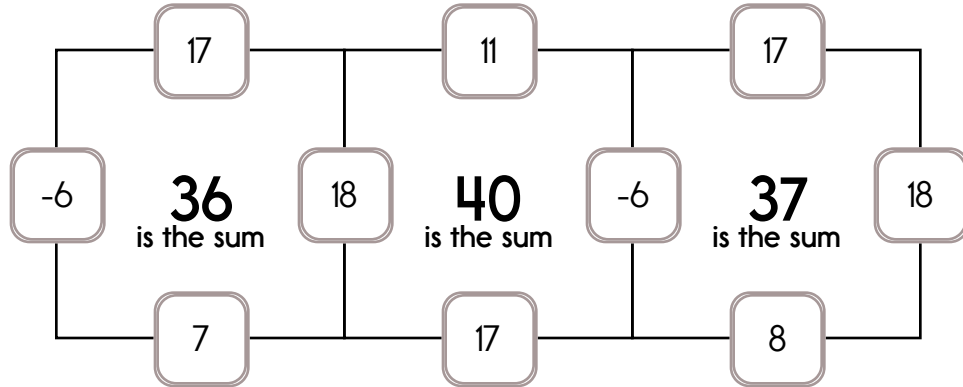
Example:

$$18 + 17 + 7 - 6 = 36$$

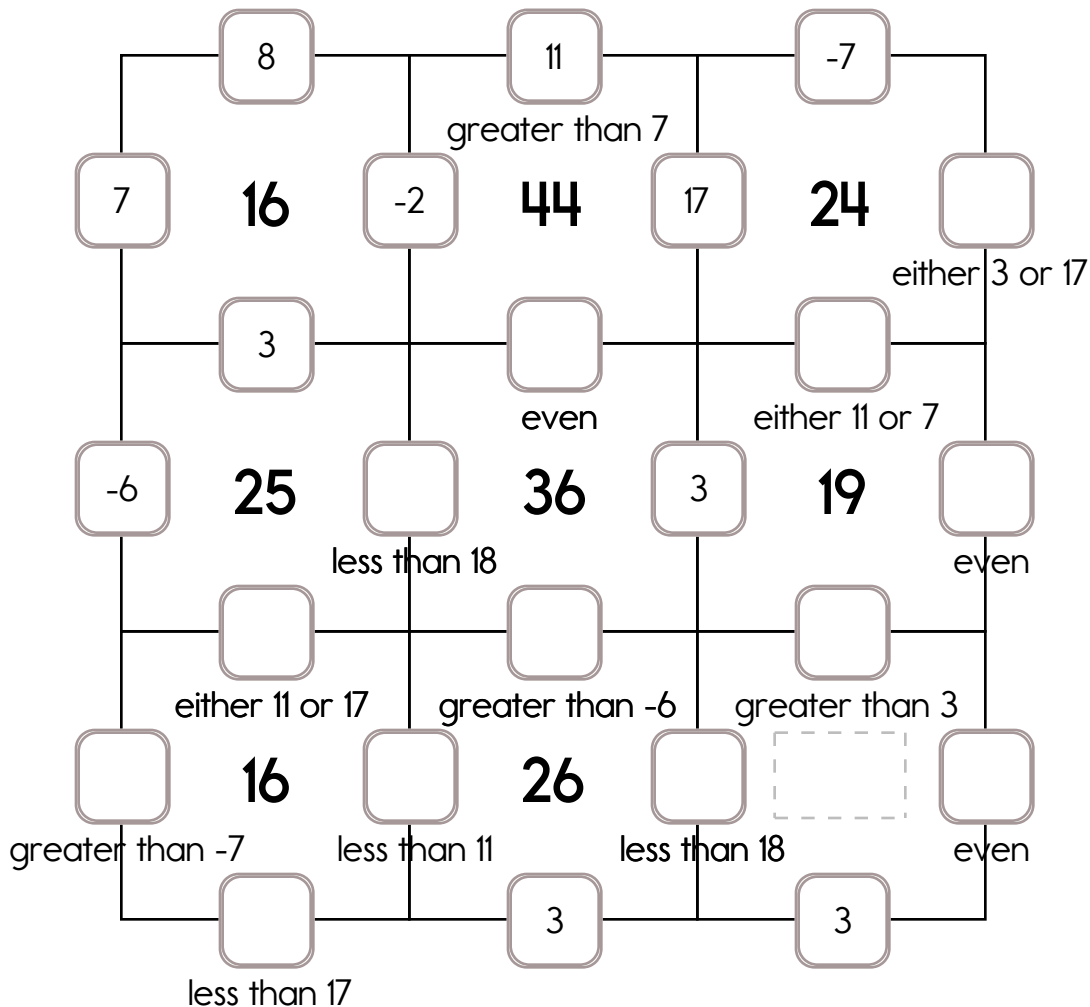
Example:

$$18 + 17 + 8 - 6 = 37$$

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: -6, -2, or -7. The other three numbers have to all be **DIFFERENT** and must be from these: 8, 3, 17, 18, 7, or 11.



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: -7, -2, or -1.

The other three numbers have to all be DIFFERENT and must be from these: 11, 8, 17, 12, 13, or 14.

	8		11		-2	
11	34	-2	36	14	35	12
			less than 17			
	17				11	
			odd			
	35	11	40		38	-2
			odd			
	less than 17		either -2 or -1		even	
-7	25		35		38	11
			odd			
	greater than 11		less than 17		less than -1	
	32		31		41	
	even		either -7 or -2			
	even		greater than 12		either 14 or 13	
	38		30			
	odd	odd				even
			either -2 or -1			
	less than -1				either 11 or 13	

Name: \_\_\_\_\_

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

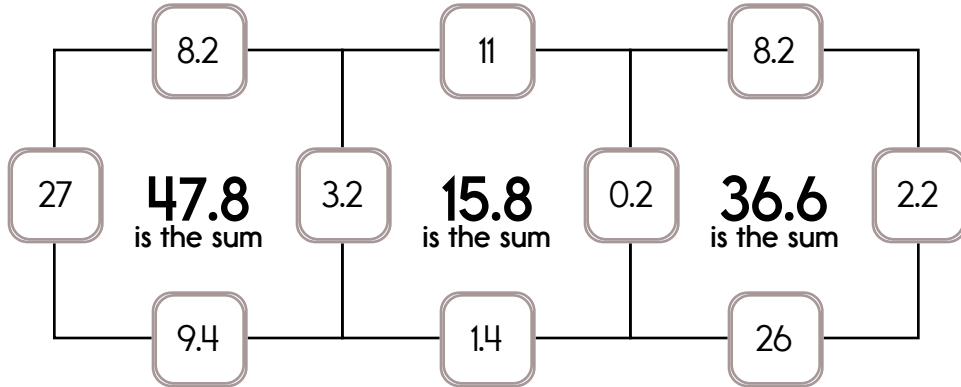
Example:

$$27 + 3.2 + 8.2 + 9.4 = 47.8$$

Example:

$$0.2 + 2.2 + 8.2 + 26 = 36.6$$

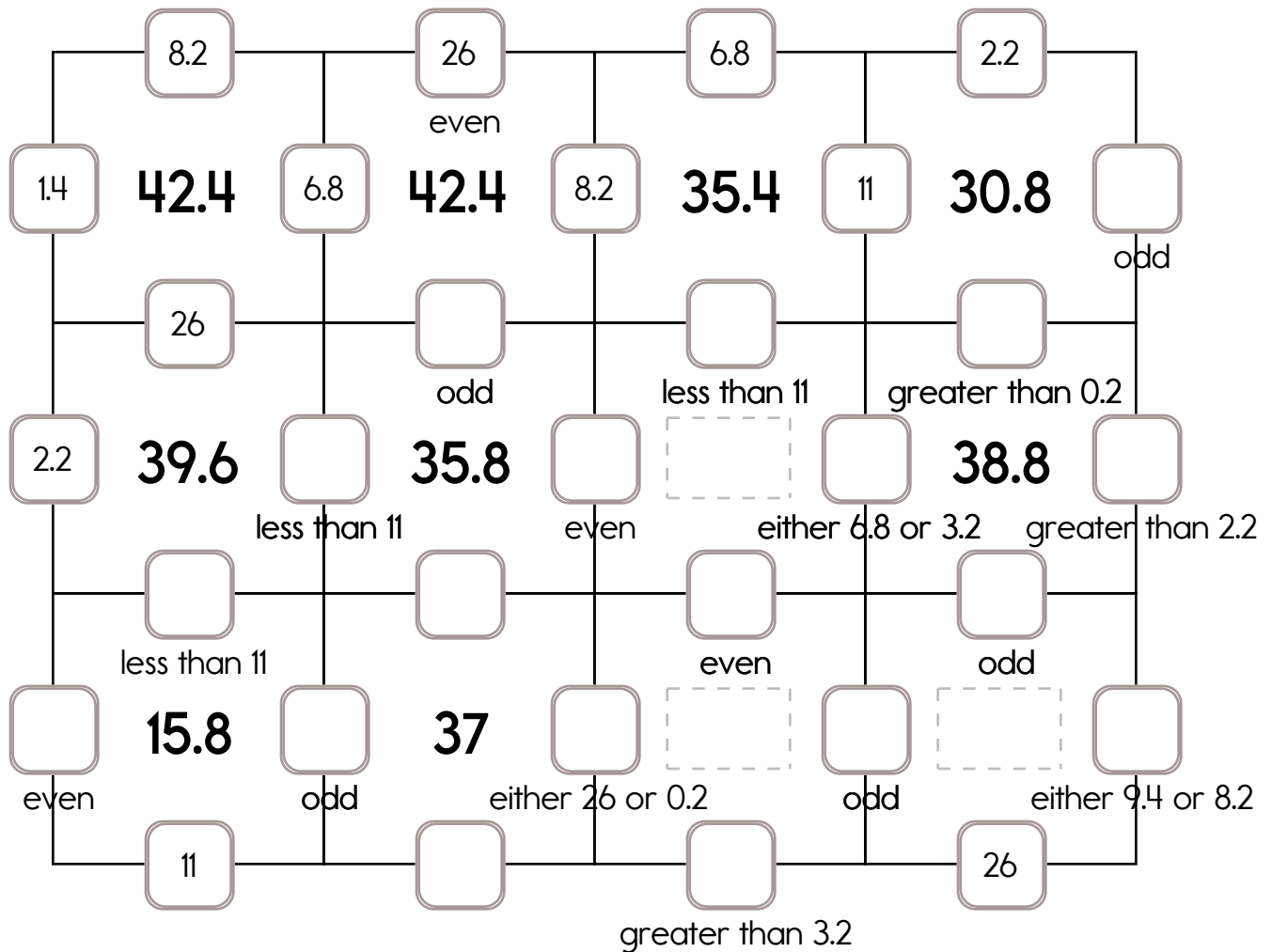
Sample:



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: 27, 26, or 11.

The other three numbers have to all be DIFFERENT and must be from these: 9.4, 0.2, 3.2, 2.2, 1.4, 8.2, or 6.8.



Exactly one of the four numbers has to be one of these numbers: 28, 22, or 13.

The other three numbers have to all be DIFFERENT and must be from these: 8.8, 0.6, 6.6, 2.6, 7.6, or 3.4.

A 6x6 grid logic puzzle. The grid contains numbers and conditions. Some cells are empty, and some are highlighted with dashed borders. The conditions are as follows:

- Row 1:
  - Cell (1,2): 3.4
  - Cell (1,4): 0.6
  - Cell (1,6): 8.8
  - Cell (1,8): 3.4
- Row 2:
  - Cell (2,1): 7.6
  - Cell (2,3): 30.6
  - Cell (2,5): 6.6
  - Cell (2,7): 32.6
  - Cell (2,9): 3.4
  - Cell (2,11): 34.8
  - Cell (2,13): (empty)
  - Cell (2,15): 34.6
  - Cell (2,17): 6.6
- Row 3:
  - Cell (3,2): 13
  - Cell (3,4): 22
  - Cell (3,6): (empty)
  - Cell (3,8): 2.6
- Row 4:
  - Cell (4,1): (empty)
  - Cell (4,3): 30.6
  - Cell (4,5): (empty)
  - Cell (4,7): 45
  - Cell (4,9): (empty)
  - Cell (4,11): 44
  - Cell (4,13): (empty)
  - Cell (4,15): 29.8
  - Cell (4,17): 7.6
- Row 5:
  - Cell (5,2): (empty)
  - Cell (5,4): 42.8
  - Cell (5,6): (empty)
  - Cell (5,8): 46.8
  - Cell (5,10): (empty)
  - Cell (5,12): 40.8
  - Cell (5,14): (empty)
  - Cell (5,16): 25
  - Cell (5,18): (empty)
- Row 6:
  - Cell (6,1): (empty)
  - Cell (6,3): 27.8
  - Cell (6,5): (empty)
  - Cell (6,7): 41.8
  - Cell (6,9): (empty)
  - Cell (6,11): 39.6
  - Cell (6,13): (empty)
  - Cell (6,15): (empty)
  - Cell (6,17): (empty)
- Row 7:
  - Cell (7,1): (empty)
  - Cell (7,3): 23.6
  - Cell (7,5): (empty)
  - Cell (7,7): 32.8
  - Cell (7,9): (empty)
  - Cell (7,11): (empty)
  - Cell (7,13): (empty)
  - Cell (7,15): (empty)
  - Cell (7,17): (empty)

Conditions (clues) are placed between the grid cells:

- Between (2,1) and (2,3): either 3.4 or 6.6
- Between (2,3) and (2,5): less than 13
- Between (2,5) and (2,7): odd
- Between (2,7) and (2,9): greater than 8.8
- Between (2,9) and (2,11): either 0.6 or 3.4
- Between (2,11) and (2,13): even
- Between (2,13) and (2,15): even
- Between (2,15) and (2,17): greater than 3.4
- Between (2,17) and (2,19): even
- Between (3,1) and (3,3): even
- Between (3,3) and (3,5): even
- Between (3,5) and (3,7): 28
- Between (3,7) and (3,9): greater than 3.4
- Between (3,9) and (3,11): even
- Between (3,11) and (3,13): even
- Between (3,13) and (3,15): greater than 0.6
- Between (3,15) and (3,17): less than 8.8
- Between (3,17) and (3,19): greater than 0.6
- Between (3,19) and (3,21): odd
- Between (4,1) and (4,3): greater than 7.6
- Between (4,3) and (4,5): either 6.6 or 8.8
- Between (4,5) and (4,7): less than 13
- Between (4,7) and (4,9): greater than 2.6
- Between (4,9) and (4,11): odd
- Between (4,11) and (4,13): even
- Between (4,13) and (4,15): less than 8.8
- Between (4,15) and (4,17): greater than 0.6
- Between (4,17) and (4,19): odd
- Between (4,19) and (4,21): even
- Between (5,1) and (5,3): either 8.8 or 0.6
- Between (5,3) and (5,5): greater than 2.6
- Between (5,5) and (5,7): odd
- Between (5,7) and (5,9): greater than 0.6
- Between (5,9) and (5,11): even
- Between (5,11) and (5,13): either 28 or 13
- Between (5,13) and (5,15): even

Name: \_\_\_\_\_

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

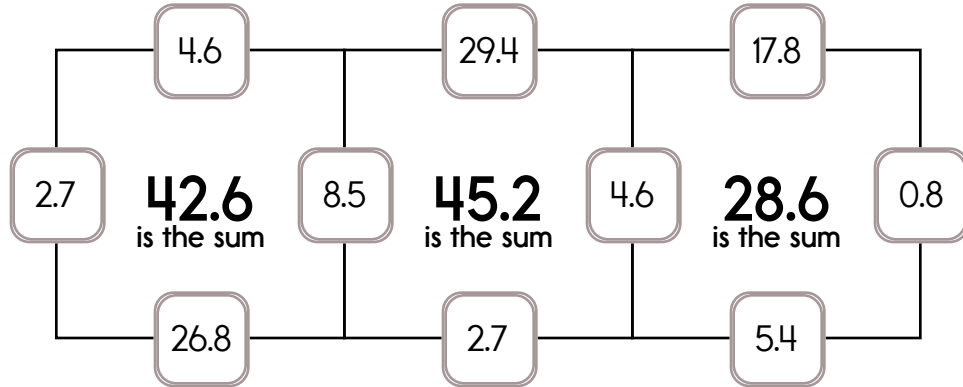
Example:

$$2.7 + 8.5 + 4.6 + 26.8 = 42.6$$

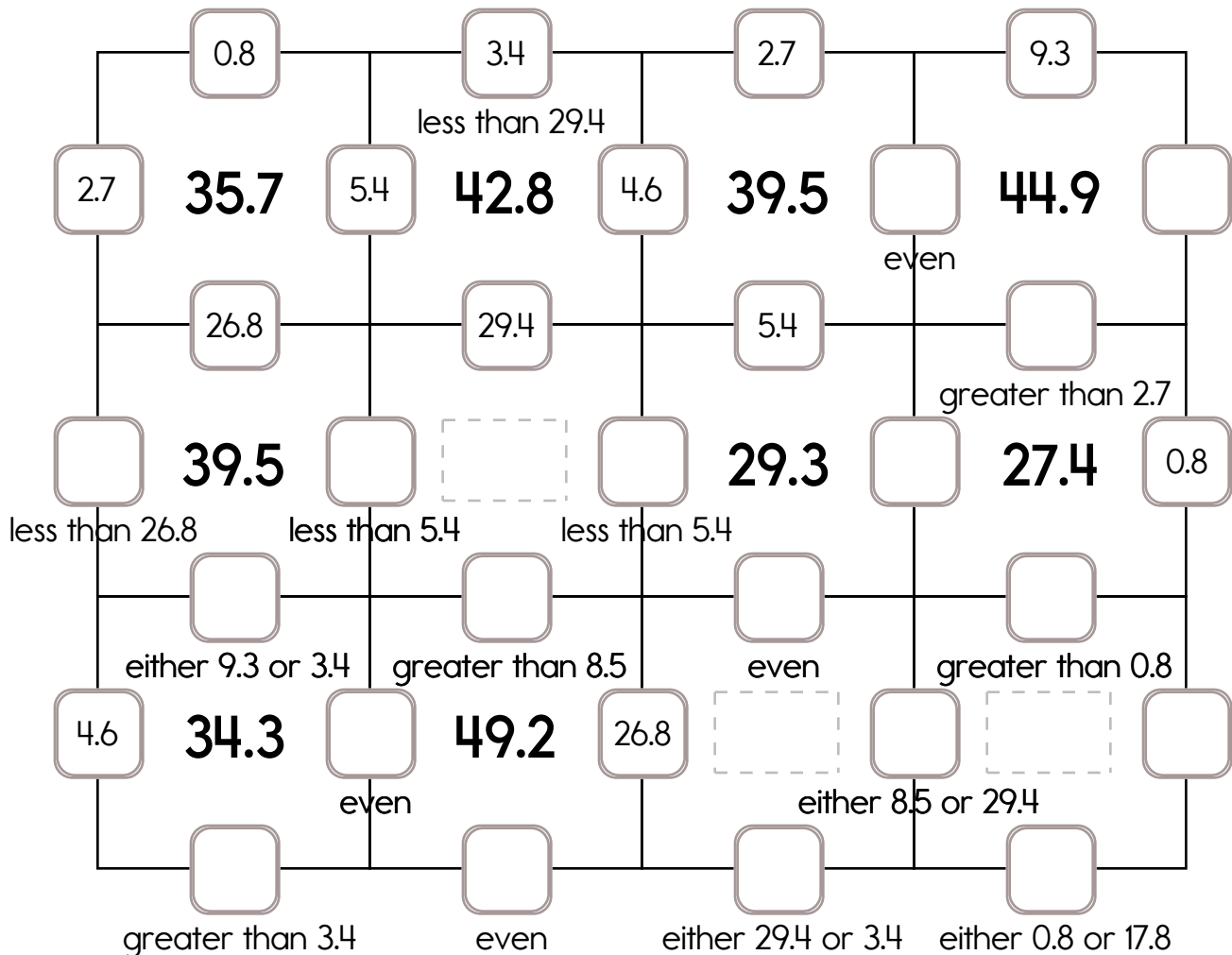
Example:

$$4.6 + 0.8 + 17.8 + 5.4 = 28.6$$

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: 17.8, 29.4, or 26.8. The other three numbers have to all be **DIFFERENT** and must be from these: 5.4, 2.7, 0.8, 8.5, 3.4, 4.6, or 9.3.





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: 19.3, 16.7, or 22.2.

The other three numbers have to all be DIFFERENT and must be from these: 0.6, 4.8, 6.9, 5.6, 2.1, or 9.6.

	5.6			5.6			
9.6	<b>44.3</b>	22.2		4.8	<b>36.7</b>		16.7
	6.9						
	<b>34</b>		<b>26.3</b>		<b>32.5</b>	9.6	<b>33.8</b>
	<b>35.1</b>		<b>37.9</b>		<b>30.5</b>		<b>39.3</b>
	<b>38.8</b>		<b>41.4</b>		<b>40.8</b>		<b>34.7</b>
	<b>26.3</b>		<b>33.9</b>				

even  
 even  
 less than 16.7  
 greater than 0.6  
 even  
 greater than 0.6  
 even  
 either 2.1 or 0.6  
 either 5.6 or 6.9  
 even  
 either 22.2 or 5.6  
 even  
 either 0.6 or 22.2  
 greater than 2.1  
 even  
 less than 22.2  
 less than 16.7  
 odd  
 either 5.6 or 22.2  
 either 19.3 or 22.2  
 less than 19.3  
 greater than 4.8  
 even  
 even  
 less than 19.3  
 greater than 5.6  
 greater than 5.6  
 either 9.6 or 16.7  
 odd  
 either 9.6 or 16.7  
 even  
 greater than 5.6  
 greater than 9.6  
 greater than 2.1  
 either 19.3 or 5.6  
 less than 19.3

Name: \_\_\_\_\_

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

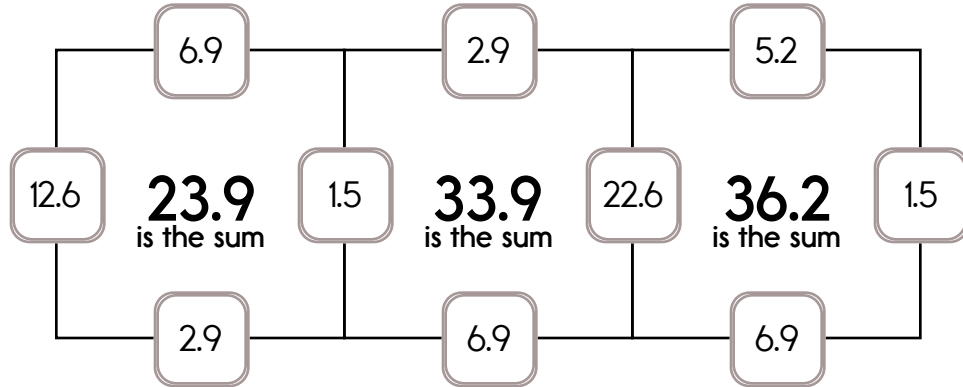
Example:

$$12.6 + 1.5 + 6.9 + 2.9 = 23.9$$

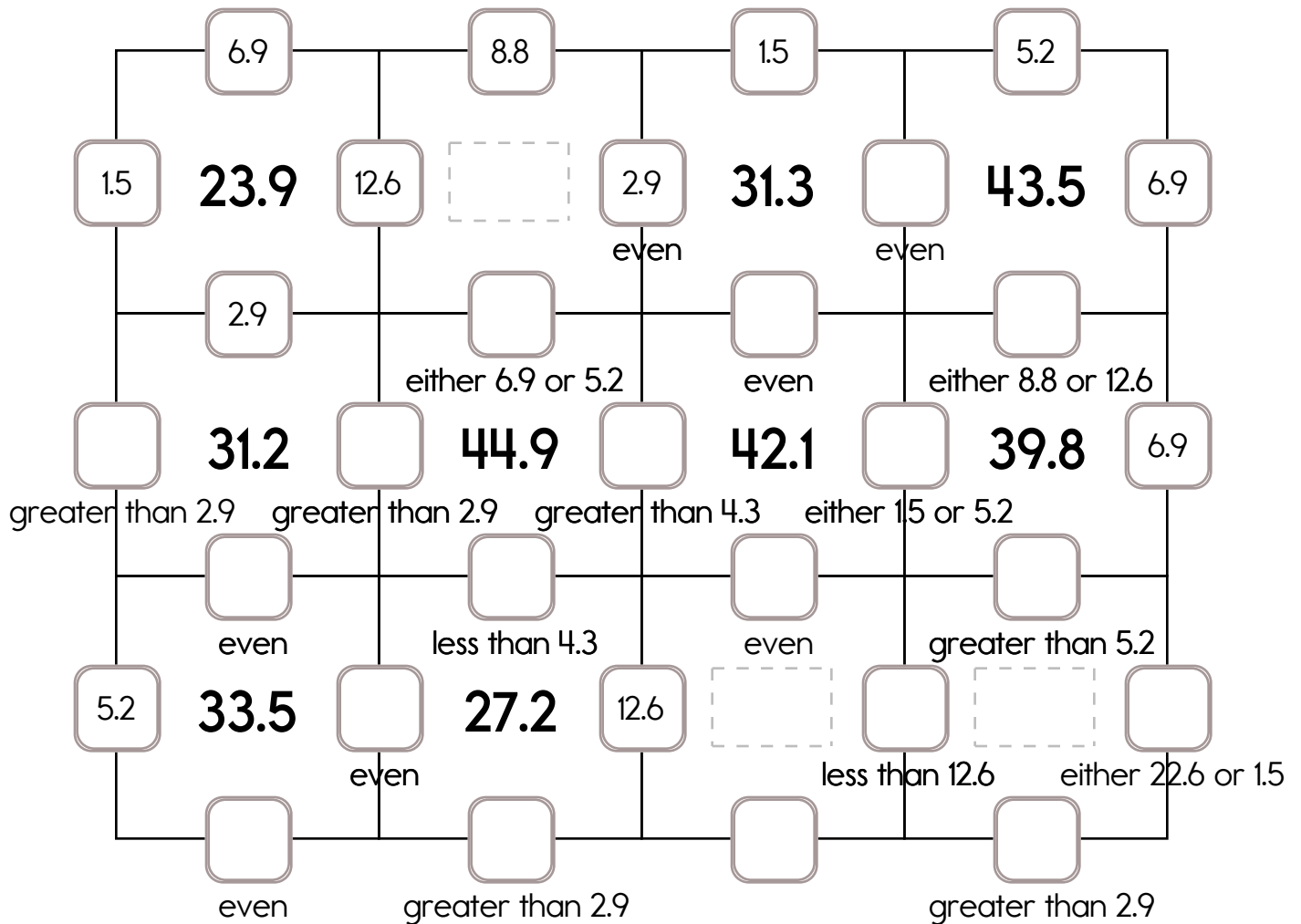
Example:

$$22.6 + 1.5 + 5.2 + 6.9 = 36.2$$

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: 12.6, 22.6, or 29.4. The other three numbers have to all be DIFFERENT and must be from these: 4.3, 8.8, 5.2, 6.9, 1.5, or 2.9.



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: 29.3, 12.5, or 13.6. The other three numbers have to all be DIFFERENT and must be from these: 3.2, 0.3, 7.6, 2.6, 5.5, or 6.3.

	6.3		12.5			2.6	
29.3	<b>43.5</b>	7.6	<b>26.7</b>	0.3	<b>22.8</b>	13.6	
	0.3		6.3				
	<b>40.4</b>		<b>44.3</b>		<b>45</b>		<b>33</b>
	<b>24.7</b>		<b>28.6</b>		<b>46.4</b>		<b>39.1</b>
	<b>30.1</b>		<b>27.5</b>		<b>28.8</b>		<b>21.5</b>
	<b>24.1</b>		<b>27</b>				

greater than 3.2

even

either 29.3 or 0.3

less than 12.5

odd

greater than 3.2

less than 6.3

either 3.2 or 13.6

odd

even

greater than 3.2

even

odd

less than 29.3

either 5.5 or 12.5

either 0.3 or 7.6

even

less than 29.3

even

either 2.6 or 3.2

greater than 0.3

greater than 0.3

odd

even

even

odd

less than 5.5

greater than 2.6

Name: \_\_\_\_\_

Find 2 equations hidden in each box. Good luck!

11

15

12

$6 + 5$

$9 + 4$

$6 + 6$

Write 2 equations: \_\_\_\_\_

15

$6 + 1$

$5 + 3$

9

$4 + 5$

6

7

13

Write 2 equations: \_\_\_\_\_

$9 - 3$

$7 - 5$

6

$9 - 5$

4

$2 - 1$

Write 2 equations: \_\_\_\_\_

Name: \_\_\_\_\_

Find 2 equations hidden in each box. Good luck!

$4 - 3$

$2$

$7 - 5$

$4$

$1$

$3 - 3$

Write 2 equations: \_\_\_\_\_

$2 + 4$

$9 + 7$

$9 + 6$

$1$

$4$

$5$

$7$

$6 + 4$

$1 + 0$

$8$

$2 + 6$

$7 + 5$

Write 2 equations: \_\_\_\_\_

$9 + 2$

$6 + 3$

$4$

$5 + 8$

$16$

$12$

$11$

$15$

$10$

$9 + 9$

$5 + 5$

Write 2 equations: \_\_\_\_\_

Name: \_\_\_\_\_

Find 2 equations hidden in each box. Good luck!

$$\begin{array}{c} 5 \\ 8 - 4 \end{array}$$

$$4$$

$$4 - 4$$

$$5 - 0$$

$$1$$

Write 2 equations: \_\_\_\_\_

$$6 + 1$$

$$3 + 9$$

$$8$$

$$9 + 5$$

$$1$$

$$4$$

$$3$$

$$14$$

$$4 + 9$$

$$4 + 2$$

$$10$$

Write 2 equations: \_\_\_\_\_

$$1$$

$$3 \times 5$$

$$5 \times 7$$

$$25$$

$$7$$

$$7 \times 8$$

$$8 \times 2$$

$$10$$

$$8$$

$$5$$

$$0 \times 5$$

$$28$$

$$0$$

$$20$$

$$8 \times 8$$

$$2 \times 7$$

$$63$$

$$6 \times 6$$

$$72$$

$$15$$

Write 2 equations: \_\_\_\_\_

Name: \_\_\_\_\_

Find 2 equations hidden in each box. Good luck!

9935

 $2608 + 884$  $7592 + 959$ 

1769

3205

3840

 $8594 + 444$ 

9018

9038

 $241 + 6509$ 

5497

 $1522 + 247$ 

Write 2 equations: \_\_\_\_\_

6

 $7 - 5$ 

2

 $9 - 1$ 

0

 $1 - 0$ 

1

5

Write 2 equations: \_\_\_\_\_

24

 $5 \times 6$  $6 \times 8$  $2 \times 8$ 

1

 $2 \times 5$ 

27

 $3 \times 9$ 

10

 $1 \times 8$ 

7

 $2 \times 3$ 

49

9

2

 $5 \times 7$ 

20

3

Write 2 equations: \_\_\_\_\_

Name: \_\_\_\_\_

Find 2 equations hidden in each box. Good luck!

$$\begin{array}{ccc}
 & 1 & \\
 0 & 5 & 7 - 1 \\
 & & 7 - 7 \\
 & & 5 - 0 \\
 & 6 - 3 & 9 - 1
 \end{array}$$

Write 2 equations: \_\_\_\_\_

$$\begin{array}{ccc}
 6654 + 5723 & 6981 + 9458 & 3808 \\
 7430 & 10918 & 8730 + 6831 \\
 18118 & 9225 + 8893 & \\
 2008 + 5175 & 2355 + 1777 & 17088 \\
 12377 & &
 \end{array}$$

Write 2 equations: \_\_\_\_\_

$$\begin{array}{ccc}
 3 \times 6 & 7 \times 1 & 28 \\
 45 & 25 & 16 \\
 1 \times 4 & 7 & 7 \times 3 \\
 8 \times 2 & 9 & 8 \times 4 \\
 56 & 12 & 5 \times 2
 \end{array}$$

Write 2 equations: \_\_\_\_\_



Name: \_\_\_\_\_

Find 2 equations hidden in each box. Good luck!

4034

9134

5246

4419

10451

15551

1692 + 2380

10514

8876

7461

13340

8862

8411 + 7140

6725

1244 + 7632

7263 + 4652

4574

Write 2 equations: \_\_\_\_\_

9

1

3

7

8 - 7

9 - 7

2

8 - 2

Write 2 equations: \_\_\_\_\_

12

9 x 9

2

30

5 x 1

6 x 0

4 x 9

63

40

5 x 5

7

25

5 x 7

49

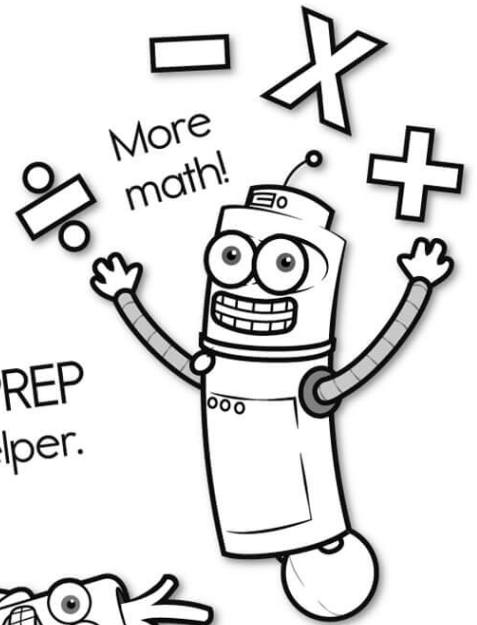
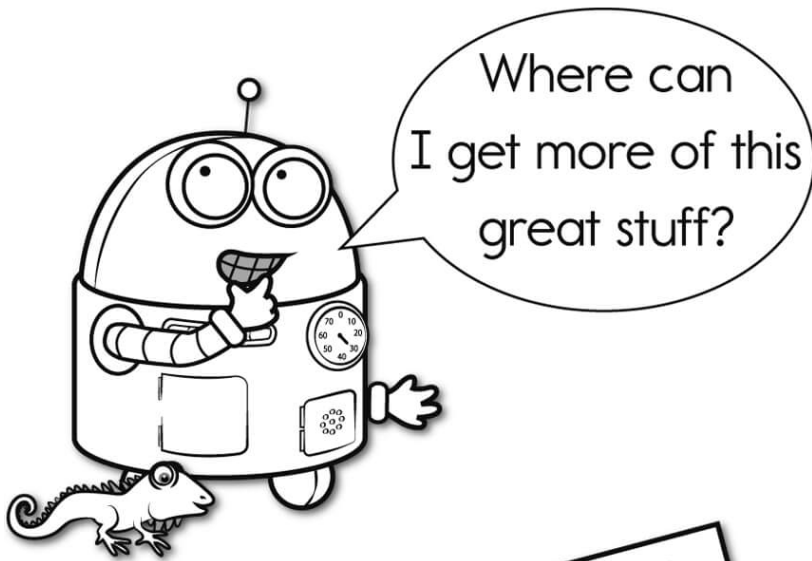
15

42

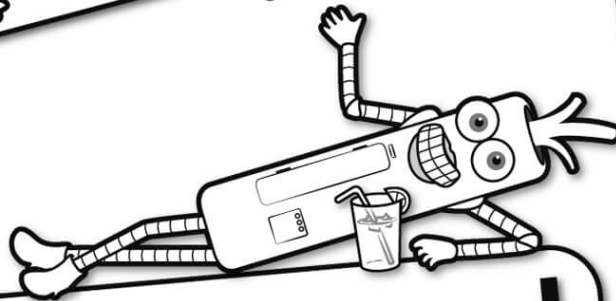
5 x 3

4

Write 2 equations: \_\_\_\_\_



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