

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.

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

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

4 3 1 2

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

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

2 1 3 4

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

Hint - These numbers are missing:

4 1 2 2 2 3 2 2

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

Hint - These numbers are missing:

1 3 4 3 3 2

Circle the relative adverb.

Do you remember when you first met Dr. Doolittle?

How many pounds are in 80 ounces?

\_\_\_\_\_ pounds

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

Fill in the missing numbers.

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

Hint - These numbers are missing:

2 2 4 2  
1 1 2

2			1
		3	
2	1	2	1
3			
	2		2

Hint - These numbers are missing:

3 4 3 4 1  
4 4 1 2 1

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

Hint - These numbers are missing:

4 3 3 1  
3 1 1 3

2	1		1
	4	3	
2		2	
	3	4	
1			2

Hint - These numbers are missing:

1 1 2 3 3  
2 1 4 4

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

Complete each pattern, using the same rule. Write what the rule is.

6, 8, 10, \_\_\_\_\_, \_\_\_\_\_, 16, 18, 20

14, 16, 18, \_\_\_\_\_, 22, 24, 26, \_\_\_\_\_, \_\_\_\_\_, 32

12, \_\_\_\_\_, \_\_\_\_\_, 18, 20, 22, 24, \_\_\_\_\_

Complete each pattern. Write what the rule is for each pattern.

(206,158,430,208) , (12,884,901,888) , (805,306,368) ,

(50,331,648) , (3,145,728) , (196,608) ,

(12,288) , \_\_\_\_\_, \_\_\_\_\_

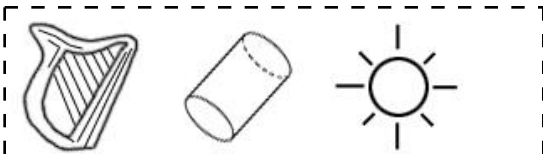
(247,669,456,896) , (20,639,121,408) , (1,719,926,784) ,

(143,327,232) , (11,943,936) , (995,328) , (82,944) ,

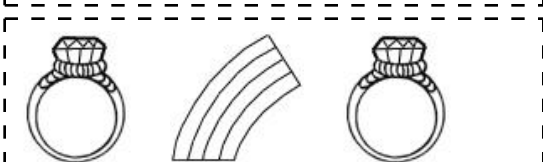
(6,912) , (576) , \_\_\_\_\_

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

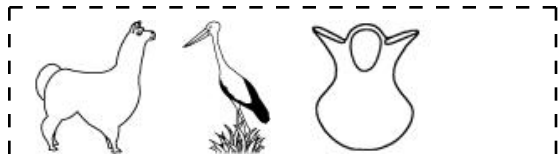
Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



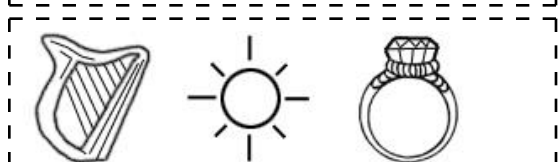
! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.



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

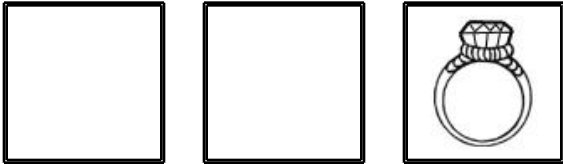


! Draw 1 of these 3 pictures.  
! The picture is NOT in the correct spot.

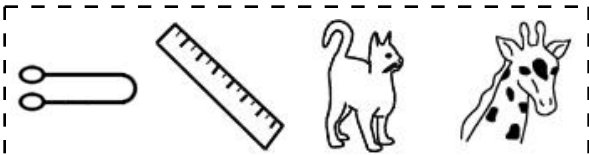


! Draw 2 of these 3 pictures.  
! The pictures to use are in the correct spot.

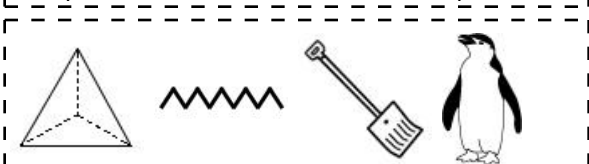
Draw the 3 pictures in the correct order:



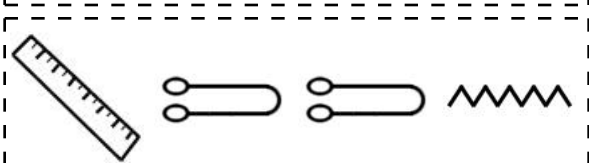
Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



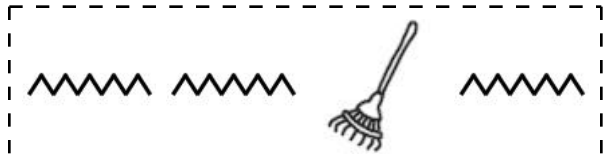
! Draw 1 of these 4 pictures.  
! The picture is NOT in the correct spot.



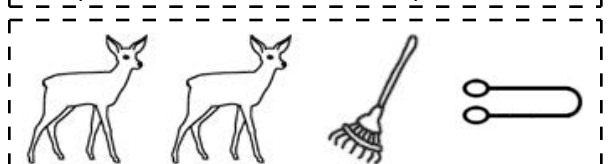
! Draw 2 of these 4 pictures.  
! 1 of those pictures is in the correct spot.



! Draw 2 of these 4 pictures.  
! 1 of those pictures is in the correct spot.

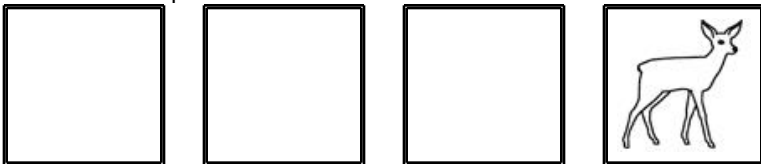


! Draw 1 of these 4 pictures.  
! The picture IS in the correct spot.



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

Draw the 4 pictures in the correct order:



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

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

Make \$51.24 any way you want!

Make \$11.13 any way you want!

Make \$56.53 any way you want!

Make \$34.54 any way you want!



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

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.

Every row must contain the numbers 1, 2, 3, and 4.

Every column must contain the numbers 1, 2, 3, and 4.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

7+	8+		1
1234	1234	1234	
4		5+	
	1234	1234	1234
	2-	1-	7+
1234	1234	1234	3
3			
	2	1	1234

Fill in the blanks. These equations are from the puzzle above.

$$3 + \underline{\quad} + \underline{\quad} = 8$$

$$\underline{\quad} - 2 = 2$$

$$\underline{\quad} + 2 = 5$$

$$\underline{\quad} - 1 = 1$$

$$3 + \underline{\quad} = 7$$

$$\underline{\quad} + 4 + \underline{\quad} = 7$$

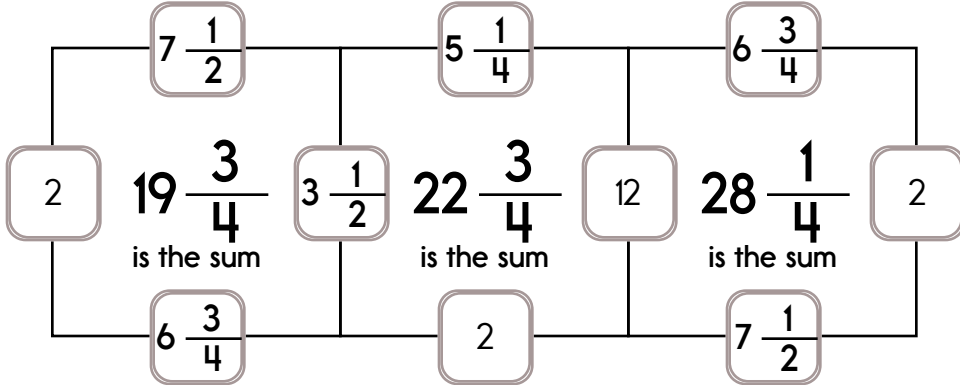
Name: \_\_\_\_\_

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

$$2 + 3\frac{1}{2} + 7\frac{1}{2} + 6\frac{3}{4}$$

$$12 + 2 + 6\frac{3}{4} + 7\frac{1}{2}$$

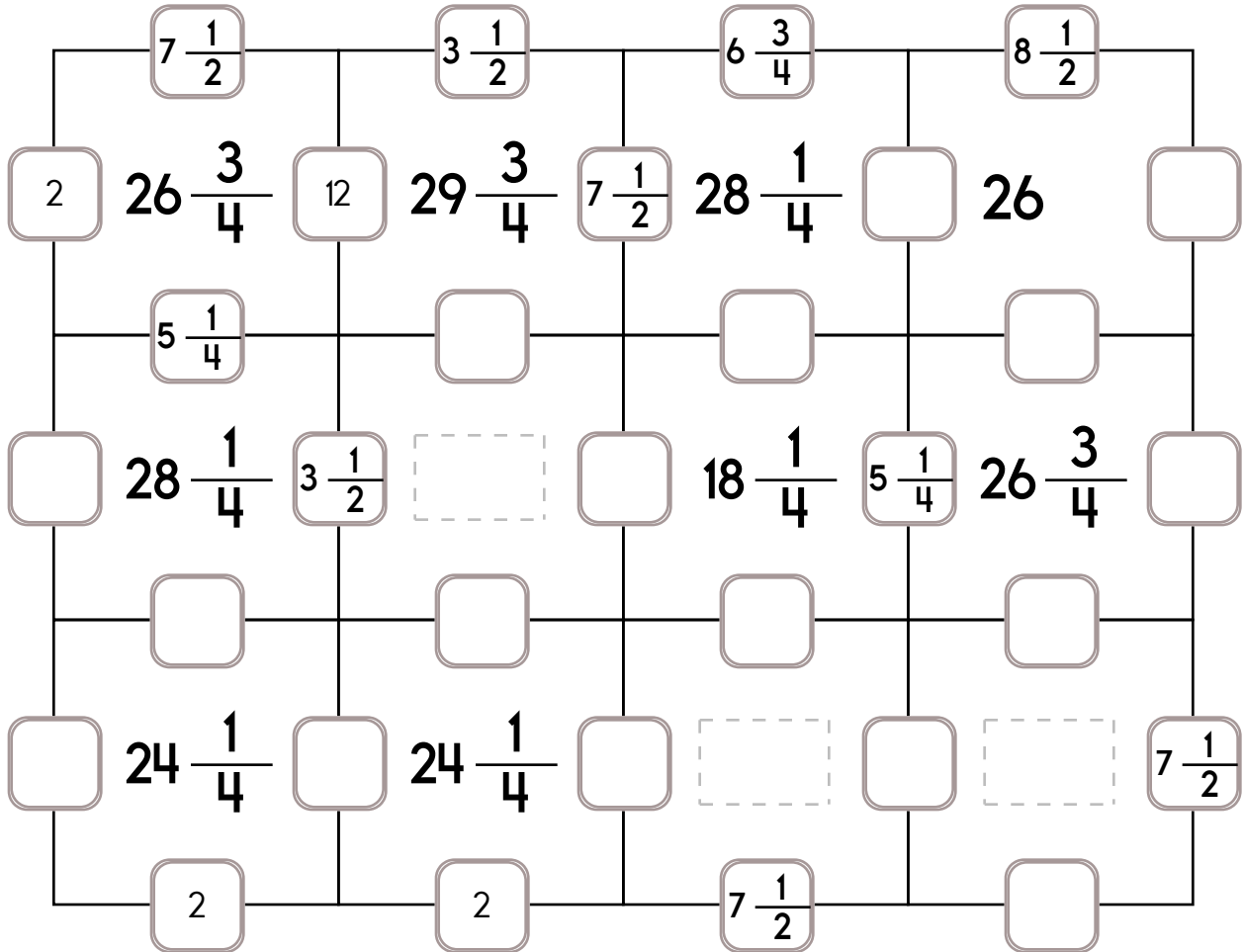
Sample:



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:  $5\frac{1}{4}$ ,  $6\frac{3}{4}$ , or  $8\frac{1}{2}$ .

The other three numbers have to all be DIFFERENT and must be from these: 12,  $7\frac{1}{2}$ ,  $3\frac{1}{2}$ , or 2.

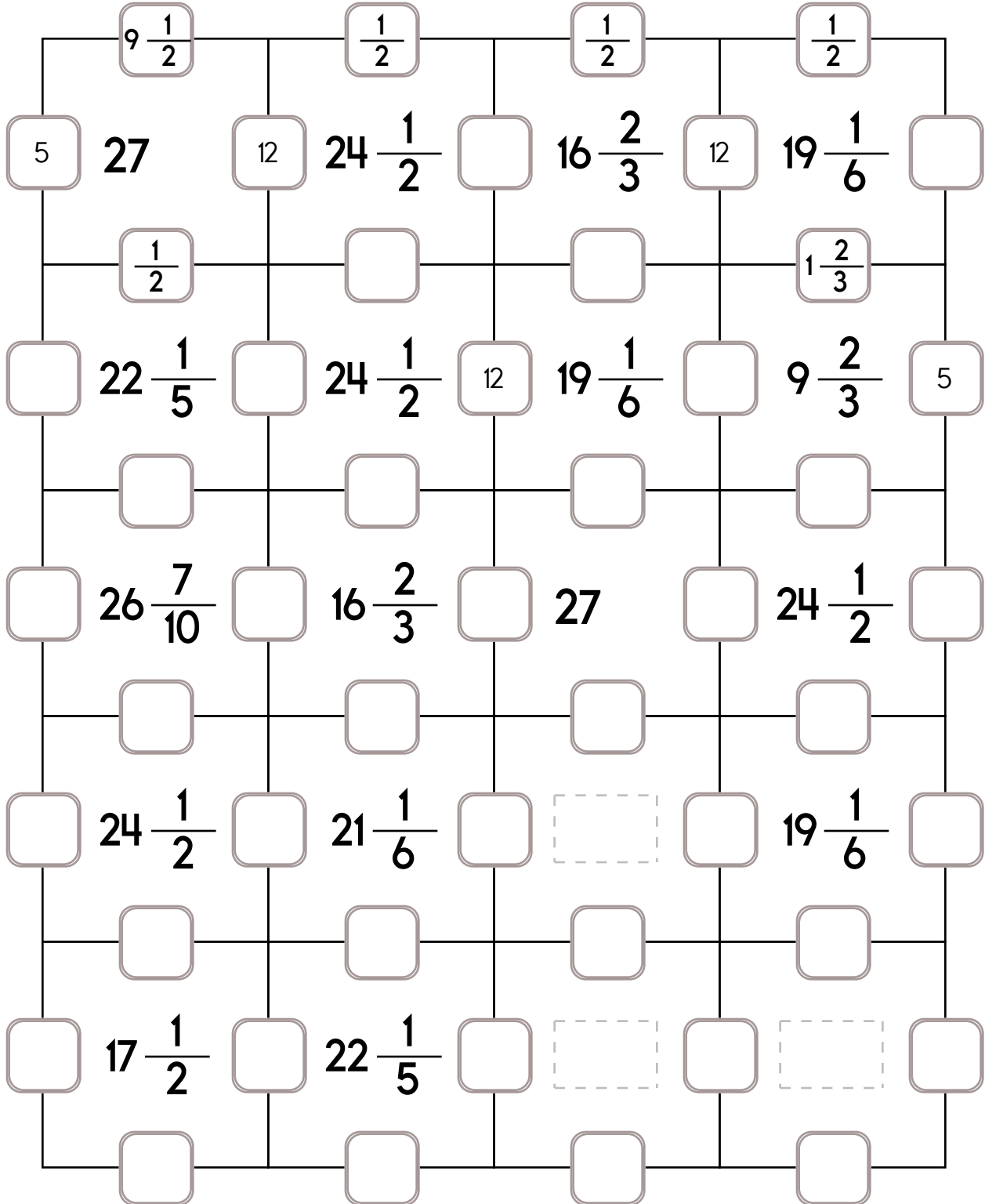


Name: \_\_\_\_\_

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:  $9\frac{1}{2}$ ,  $1\frac{2}{3}$ , or  $7\frac{1}{5}$ .

The other three numbers have to all be DIFFERENT and must be from these: 5,  $2\frac{1}{2}$ ,  $\frac{1}{2}$ , or 12.





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Emma is less than 15 years old. She is 8 years younger than Kevin. In 5 years, Emma will be  $\frac{2}{3}$  years as old as Kevin. How old is Kevin?

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

**9****0****5****0**

Complete the equation.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = 9$$

Use any of these digits. Cross off a digit after you use it.

**9****7****1****6****4****2****7****4**

What is the largest 3-digit odd number that you can make?

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

+					78	52
	68	120				
	___ + ___	___ + ___	___ + ___	___ + ___	___ + 78	___ + 52
		102		114		
	___ + ___	___ + ___	___ + ___	___ + ___	___ + 78	___ + 52
52	81	133				
	52 + ___	52 + ___	52 + ___	52 + ___	52 + 78	52 + 52
						146
	___ + ___	___ + ___	___ + ___	___ + ___	___ + 78	___ + 52
		165				
	___ + ___	___ + ___	___ + ___	___ + ___	___ + 78	___ + 52
48			98			
	48 + ___	48 + ___	48 + ___	48 + ___	48 + 78	48 + 52
		108				
	___ + ___	___ + ___	___ + ___	___ + ___	___ + 78	___ + 52
		167			164	
	___ + ___	___ + ___	___ + ___	___ + ___	___ + 78	___ + 52

26 kg = \_\_\_\_\_ g

50 ÷ 10 =

$$\begin{array}{r} 247 \\ + 213 \\ \hline \end{array}$$

11 x 10 =

word root **juven** can mean **young** **juvenile, rejuvenate**

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

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

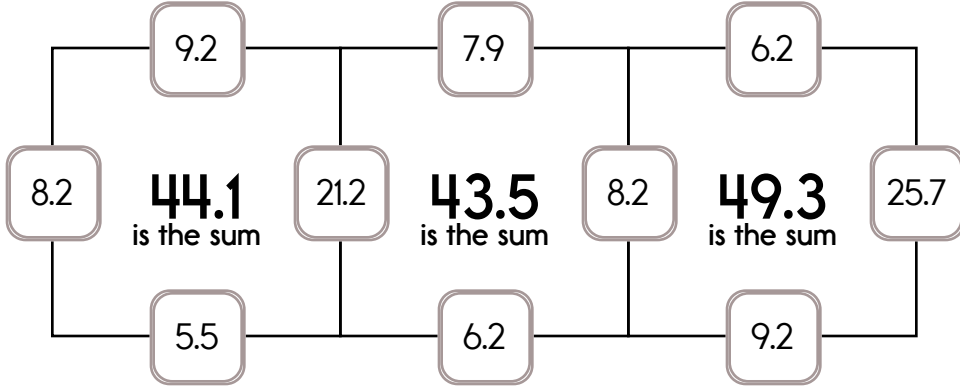
Example:

$$8.2 + 21.2 + 9.2 + 5.5 = 44.1$$

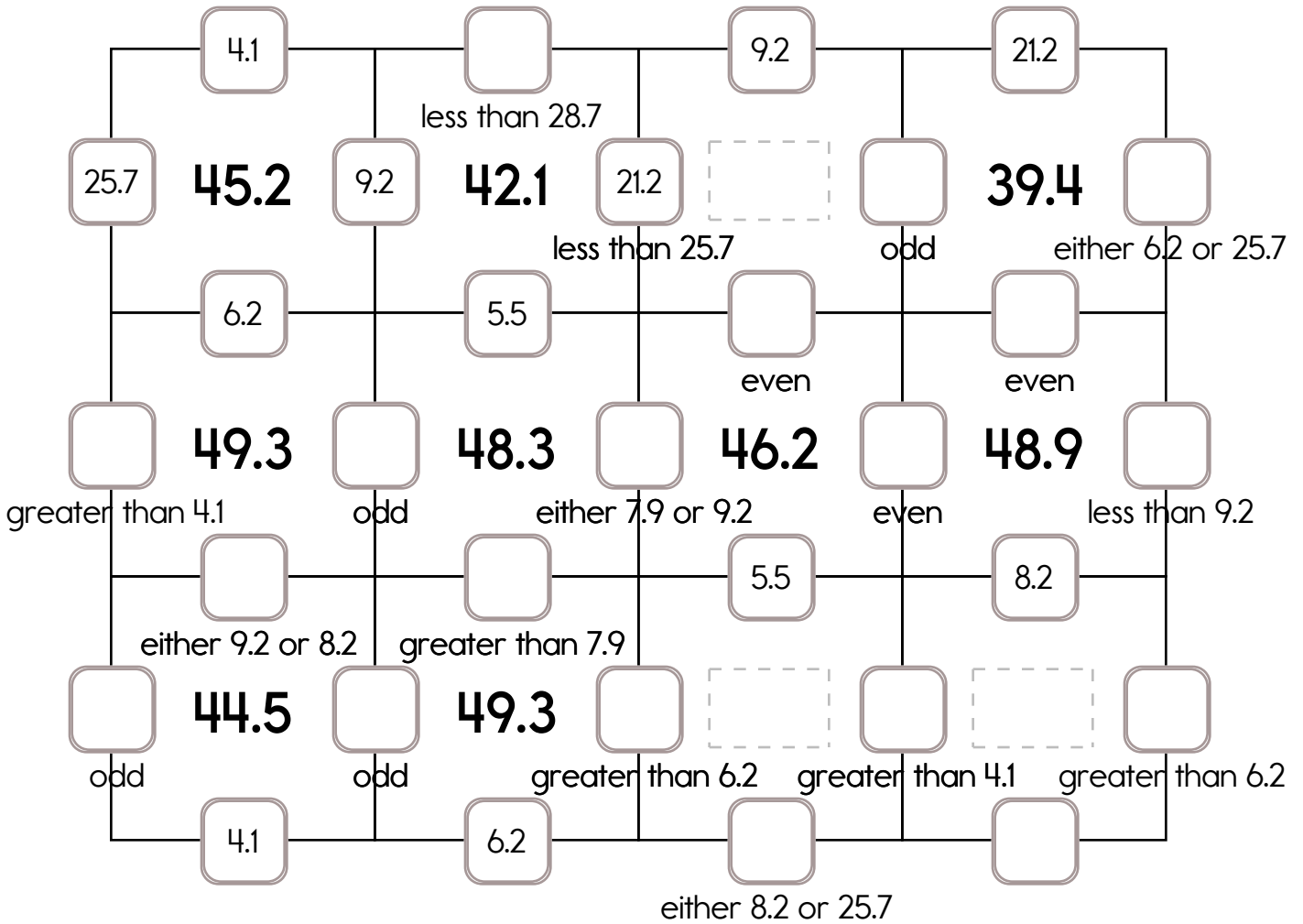
Example:

$$8.2 + 25.7 + 6.2 + 9.2 = 49.3$$

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: 25.7, 21.2, or 28.7. The other three numbers have to all be DIFFERENT and must be from these: 6.2, 4.1, 5.5, 8.2, 9.2, or 7.9.



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: 20.6, 15.9, or 16.2. The other three numbers have to all be DIFFERENT and must be from these: 8.1, 3.2, 5.6, 2.7, 6.5, or 7.4.

	3.2		8.1		5.6			
			either 7.4 or 8.1				odd	
2.7	<b>27.4</b>	5.6	<b>32.8</b>	3.2	<b>32.8</b>	8.1	<b>36.1</b>	
							either 2.7 or 6.5	
	15.9							
			odd		odd		either 15.9 or 5.6	
	<b>32.8</b>		<b>29.2</b>		<b>32.1</b>	3.2	<b>28.3</b>	
either 8.1 or 3.2		less than 20.6	greater than 3.2				even	
	odd		even		odd		even	
			<b>28.3</b>		<b>35.7</b>		<b>35.4</b>	15.9
greater than 3.2		odd				either 7.4 or 8.1		
	either 20.6 or 15.9	either 15.9 or 6.5	less than 20.6	greater than 2.7				
	<b>42.6</b>		<b>30.7</b>		<b>31</b>		<b>32.1</b>	
even		even	greater than 2.7		even		either 3.2 or 5.6	
	less than 20.6		even		greater than 5.6			
	<b>32.1</b>		<b>27.7</b>					
	either 20.6 or 5.6		even		even			odd
	odd		odd		greater than 2.7		less than 7.4	

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

Draw ONE continuous line that touches every box ONCE.  
 Count by 12s. Find the box with the number 116. Move up, down, right, or left.  
 Keep counting until you reach 1112. Do not move into a spot with a ghost.

---	-----	--	728	764	--	---	---	---	---
			740		ghost	ghost	ghost	ghost	
	656	---		ghost	ghost	---	---		
ghost	---	---		ghost	ghost				ghost
---	---	ghost	---	---	ghost	980			ghost
	---	-----	---	---	---	992	---	---	ghost
524					224			---	
	452	---	380			152	---	1112	
				ghost		164	128		1064
	476			ghost			116	1088	---

$$\begin{array}{r} 83 \\ - 60 \\ \hline \end{array}$$

Circle the smallest number:  
 9,146,038,752      630,845,219,765  
 105,843,279      7,893

1 lb = 16 oz  
 27 lb = \_\_\_\_\_ oz

$$\begin{array}{r} 817 \\ - 161 \\ \hline \end{array}$$

Write the missing family fact.  
 164 - 66 = 98  
 164 - 98 = 66  
 66 + 98 = 164  
 \_\_\_\_\_

$$\begin{array}{r} 44 \\ + 22 \\ \hline \end{array}$$

