Name: _____

Complete each pattern. Write what the rule is. HINT: The first two numbers in each pattern are random numbers.

11, 13, 24, 37, 61, 98, 159, 257, 416, 673, _____, _____, _____

2, 6, 8, 14, 22, 36, 58, 94, 152, 246, _____, _____, _____

Complete each pattern. Write what the rule is.

7	35	175	875	4,375
1	2	4	8	
4	32		2,048	16,384
5		245		12,005

Name: _____

What number is halfway between 55 and 59?

How much greater is 177 than 37?

J, _____, K, L, L, M,

M, N, N, O

---

34 is a multiple

of 17 and 2.

33 is a multiple

of ___ and ___.

28 is a multiple

of ___ and ___.

---

25 + ___ + 23 = 63

60, 70, 80, 90, 100,

_____, 120

How much money is 1 quarter, 1 dime, 1 nickel, and 8 pennies?

What is 50% of 484?

Estimate quickly the difference.
6,340 - 1,550

68, 87, 106, 125, 144,

_____, 182, 201, 220

$12 \div \frac{1}{3}$

It was 2 degrees above zero in the morning. By afternoon the temperature rose 20 degrees. How warm was it?

Name: _____

6 x 7 - 3	____ ÷ 9 = 9	Double the number 11 three times.
What is the sum of 6 and 37?	Is 15 a composite or a prime number?	You have a playdate in 60 minutes. How many hours is that?
Holly has 72 cookies. She and her 8 friends shared them equally. How many cookies did Holly keep?	Round the decimal 0.375 to the nearest hundredth.	Round 64,789 to the nearest hundred.
It was 71 degrees outside. What would the temperature be if it got 24 degrees colder?	(3 + 7) - 9	How much time is it from 6:00 a.m. to 11:20 a.m.?

Name: _____

Amy bought four bags of candy for a total of $9.65. If two of the bags of candy together cost $3.48, and each of the other two bags had the same cost, how much was each remaining bag?

Amanda went to the bakery to buy cookies for the tea party. The cookies she wanted cost $1.25 per 1/2 dozen, $2.41 per dozen, or $0.23 each. She wants to buy 10 cookies. How much less would it cost to buy 1/2 dozen plus 4 cookies than it would to buy one dozen cookies?

On Wear Your Pajamas to Work Day, all $\frac{1}{3}$ of them wore red and white pajamas, and the rest of the office workers wore other colors. How many of the office workers wore other colors?

```
  4 0
+ 4 6
```

Can 327 be evenly divided by 8? Circle:

327 is evenly divisible by 8

327 is NOT evenly divisible by 8

1 lb = 16 oz

26 lb = _____ oz

```
  4 1 8
+ 3 5 0
```

Write 2,113,859 in words.

_____

```
  7 6 7
- 2 5 3
```

19 km = _____ m

Write a letter that has a line of symmetry.

_____

11 x 4 =

word root **ver** can mean **true**   **verdict, verbatim**

Name: _____

Write an equation to represent this:

The sum of twelve and four is sixteen.

_____

$$2\ 6$$
$$-\ 1\ 0$$

72 ÷ 8 =

Rose is making up her own calendar. The first month of her weird calendar is called Raffy. To make matters worse, she is giving Raffy a total of sixteen days. What is the greatest number of Tuesdays that can occur during Raffy? Show the month of Raffy.

Can 703 be evenly divided by 6? Circle:

703 is evenly divisible by 6

703 is NOT evenly divisible by 6

How many kilograms are in 9,000 grams?

_____ kilograms

Write a word or words to complete the sentence.

Some animals protect themselves by _____ their enemies.

_____

42 ÷ 7 =

Circle the addition property for 36 + 199 = 199 + 36.

associative property

commutative property

3 x 6 =

In each pair, circle the word that is spelled correctly.

lettuce, lettice
manage, manaje
noise, noyse

Name: _____

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

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

RARE • VISUAL • ASCEND
CULTIVATE • GRAPES • THROW
UNLOCK • CRAWL • BEVERAGE
STUDENT • RABBIT • BURST • FINALLY

In the number 43,132,186, the digit 6 is in what place?

_____

What time is 17 hours after 4:00 p.m.?

_____

27 ÷ 9 =

Nine kids and two adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is $90. How much is one kids ticket? How much is one adult ticket?

For 511,350,889,201, write the digit that is in the hundred thousands place.

_____

Circle the digit in the hundredths place.

2,768.56

Circle the answer that best completes the sentence.

(May/Can) I have the last donut?

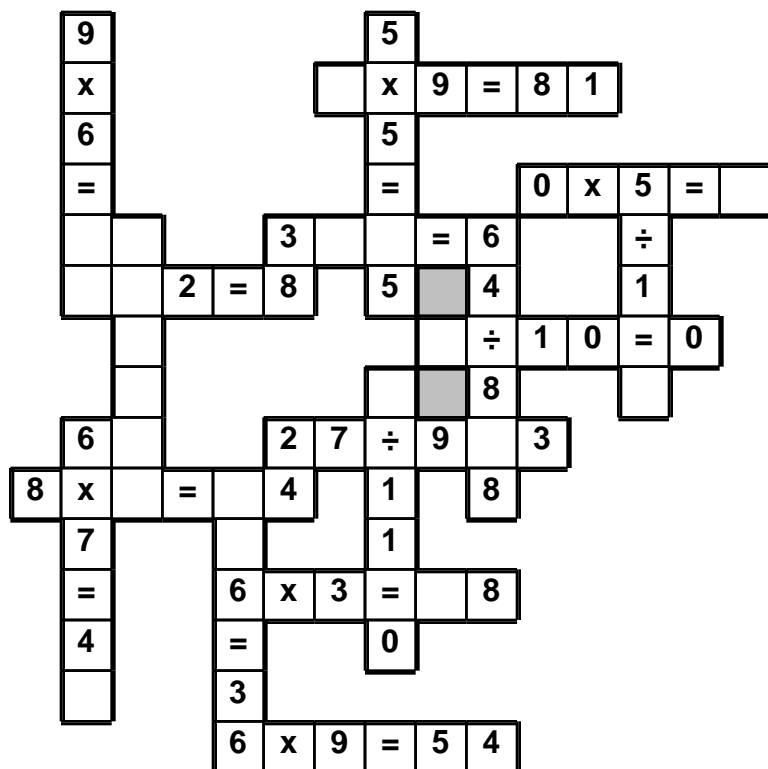Circle the correctly spelled words.
faim, fear, kept

Choose the word that best completes the sentence.

I was sick last week, but now I'm just a little (hoarse/horse).

Name: _____

| 9 • 0 • 5 • 4 • x • 2 • 4 • x • 7 • 0 • = • 0 • 5 • 2 • = • 8 |
| 6 • x • 1 • 2 |

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

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

Hannah wants Jessica to guess a two digit number. She tells Jessica that her number has two different digits. The digits are 8 and 5. Jessica thinks. She then guesses the number 58. What are the chances that Jessica has guessed correctly?

Write the missing family fact.

82 + 28 = 110
110 - 28 = 82
28 + 82 = 110

_____

Insert a comma in the appropriate place in this sentence.

Dachshunds are a fun breed of dog but they tend to play favorites within families.

Write a letter that has two or more lines of symmetry.

_____

Circle the greatest number:

859,742,603,135   18,740,751,983

623,095   6,801,974

Name: _____

```
  12,853          16,410           9,016
-  4,285        -  7,943        -  7,129
```

```
 138,541         160,083         68,688
- 67,436        - 74,929        - 56,071
```

```
  52,582          90,560         72,864
-  4,084        -  4,598        -  3,612
```

```
   4,274           4,605         12,423
-  2,223        -  2,832        -  7,122
```

```
 140,171         187,403        143,581
- 60,537        - 88,667        - 75,030
```

```
   8,161          11,053         11,152
-  1,492        -  7,459        -  4,957
```

```
  13,951          14,415         12,278
-  9,562        -  7,155        -  5,194
```

```
      4
+     6
   [    ]

+     9
   [    ]

+     3
     2 2
+  [    ]
     2 8

+     3
   [    ]

-     8
   [    ]

-     2
   [    ]

+     3
   [    ]

+     9
     3 3
-  [    ]
     2 8

-     2
   [    ]
```

Name: _____

Pay the bill!

Kevin needs money. He wants to get $80 in cash, so he writes a check payable to cash in this amount. Write this check.

KEVIN

1144

DATE_____

PAY TO THE ORDER OF _____ $ [   ]

_____ DOLLARS

MEMO_____   _____

⑆997371582⑆   ⑈53688⑈   1144

Pay the bill!

Kevin received a bill from Central Water for $98.72. Write the check as Kevin would write it.

KEVIN

1145

DATE_____

PAY TO THE ORDER OF _____ $ [   ]

_____ DOLLARS

MEMO_____   _____

⑆997371582⑆   ⑈53688⑈   1145

-5 + 7 =	-21 + 15 =	-8 - 6 =

Write the least possible 4-digit number without repeating any numbers.	Write the number that has exactly 7 hundreds.	Name the shape with four sides and four angles.

Name: _____
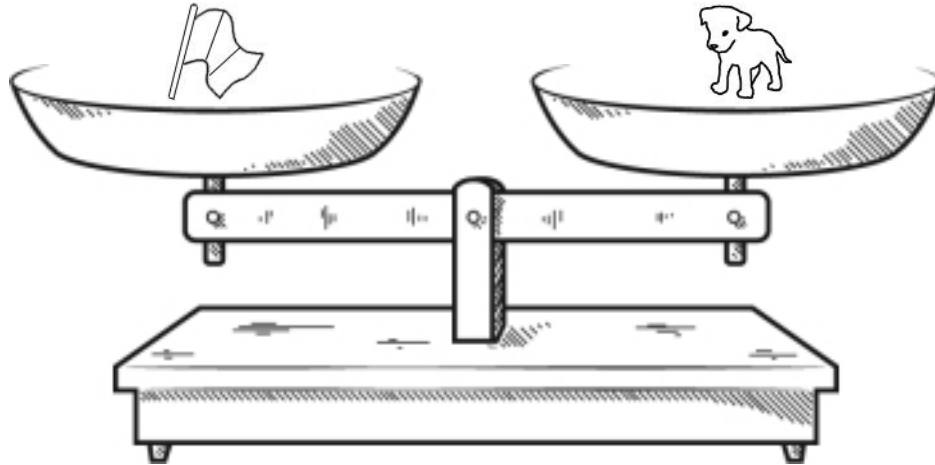
🐕 **=** 🚩	🚩 **<** 🐕
☐ True ☐ False	☐ True ☐ False

🐕 🐕 🐕 🐕 **=** 🚩 🐕

☐ True   ☐ False

🐕🚩 **=** 🚩🚩

☐ True   ☐ False

🐕 🐕 🐕 **=** 🚩 🚩 🚩 🚩

☐ True   ☐ False

🐕🚩🚩 **=** 🚩🚩🚩🚩

☐ True   ☐ False

Did you find that two are true? If not, look again!
You should only mark TRUE if you are absolutely sure it is correct!

What is the sum of 10 and 830?	Rose has 29 nickels. How much money is that?	triple 22 =

Name: _____
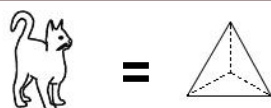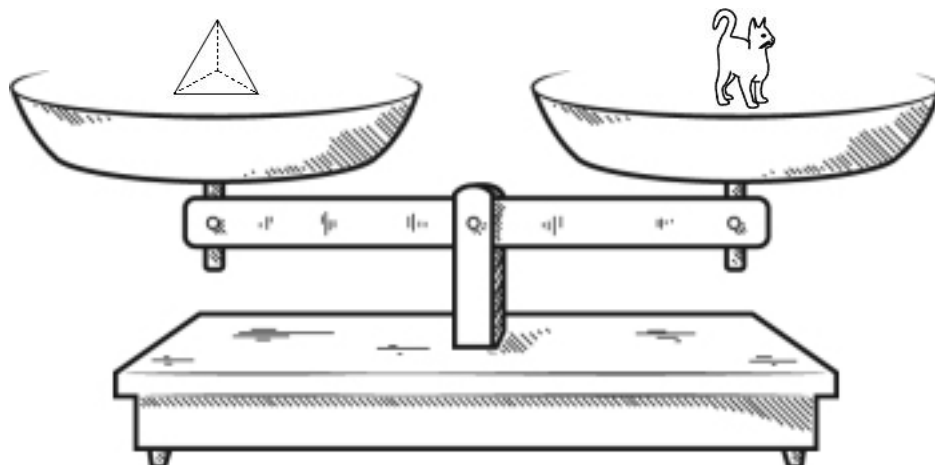
🐱 **=** △	△ **>** 🐱
☐ True ☐ False	☐ True ☐ False

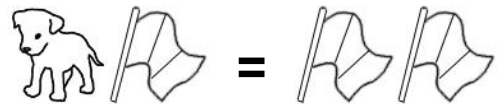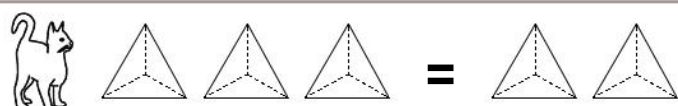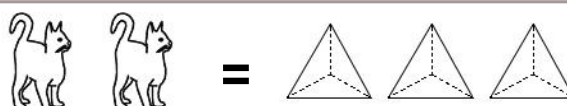|	
🐱 △ △ △ **=** △ △	🐱 🐱 **=** △ △ △
☐ True ☐ False	☐ True ☐ False

△ 🐱 🐱 **=** 🐱 🐱 🐱	🐱 🐱 **=** △ 🐱 🐱 🐱
☐ True ☐ False	☐ True ☐ False

Did you find that two are true? If not, look again!
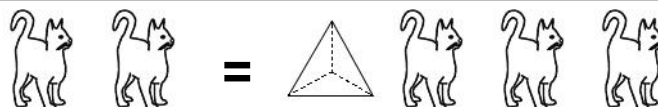## You should only mark TRUE if you are absolutely sure it is correct!

$16 - \dfrac{5}{6} + \dfrac{3}{8} =$	$60 - \dfrac{1}{2} =$	$17 + \dfrac{3}{5} - \dfrac{1}{2} =$

Name: _____

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

Example:
6.6 + 1.7 + 7.3 + 20.1 = 35.7

Example:
4.2 + 7.3 + 14.2 + 3.8 = 29.5

Sample:
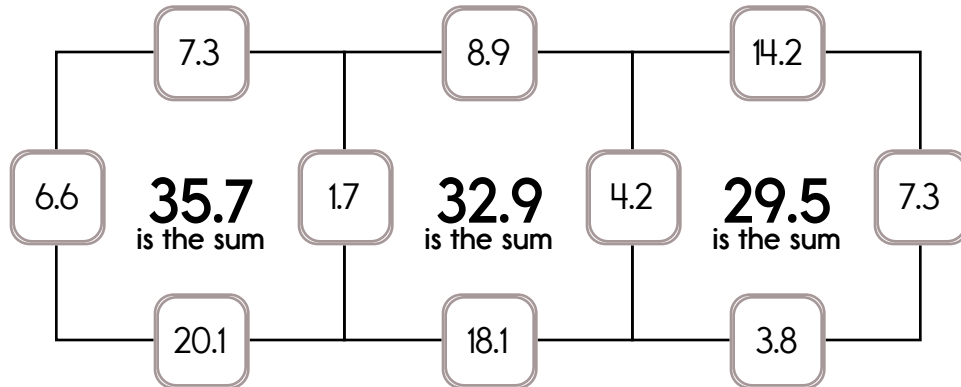
	7.3		8.9		14.2	
6.6	**35.7** is the sum	1.7	**32.9** is the sum	4.2	**29.5** is the sum	7.3
	20.1		18.1		3.8	

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: 18.1, 14.2, or 20.1. The other three numbers have to all be DIFFERENT and must be from these: 3.8, 7.3, 6.6, 2.8, 1.7, 8.9, or 4.2.

Puzzle grid:

Row 1 (top numbers): 2.8 | 14.2 | ☐ | 6.6

1.7	**29.9**	7.3	**32.1**	1.7	**30.9**	3.8	**32.7**	☐
					odd			even

Middle boxes: 18.1 | ☐ (either 4.2 or 8.9) | ☐ (less than 20.1) | ☐ (greater than 2.8)

☐	**32.7**	☐	**39.4**	☐	☐ (dashed)	8.9	**36**	☐
greater than 1.7		odd						

Next boxes: ☐ (less than 14.2) | ☐ (greater than 3.8) | 7.3 | 7.3

☐	**36.4**	☐	**34.5**	☐ (dashed)	☐ (dashed)	☐
even		less than 20.1		either 3.8 or 1.7	either 4.2 or 6.6	either 6.6 or 2.8

Bottom numbers: 18.1 | 1.7 | ☐ (even) | ☐ (even)
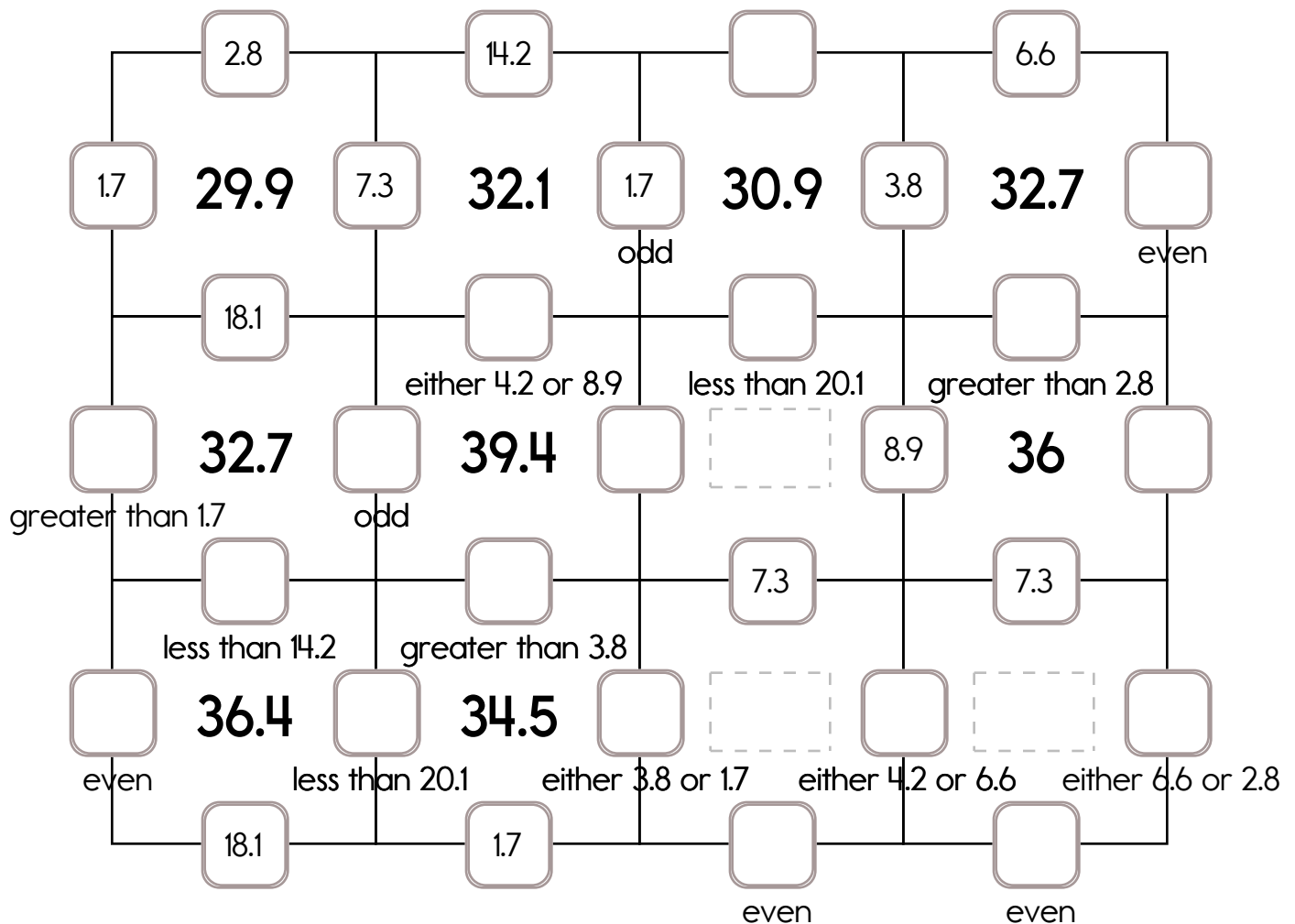
Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
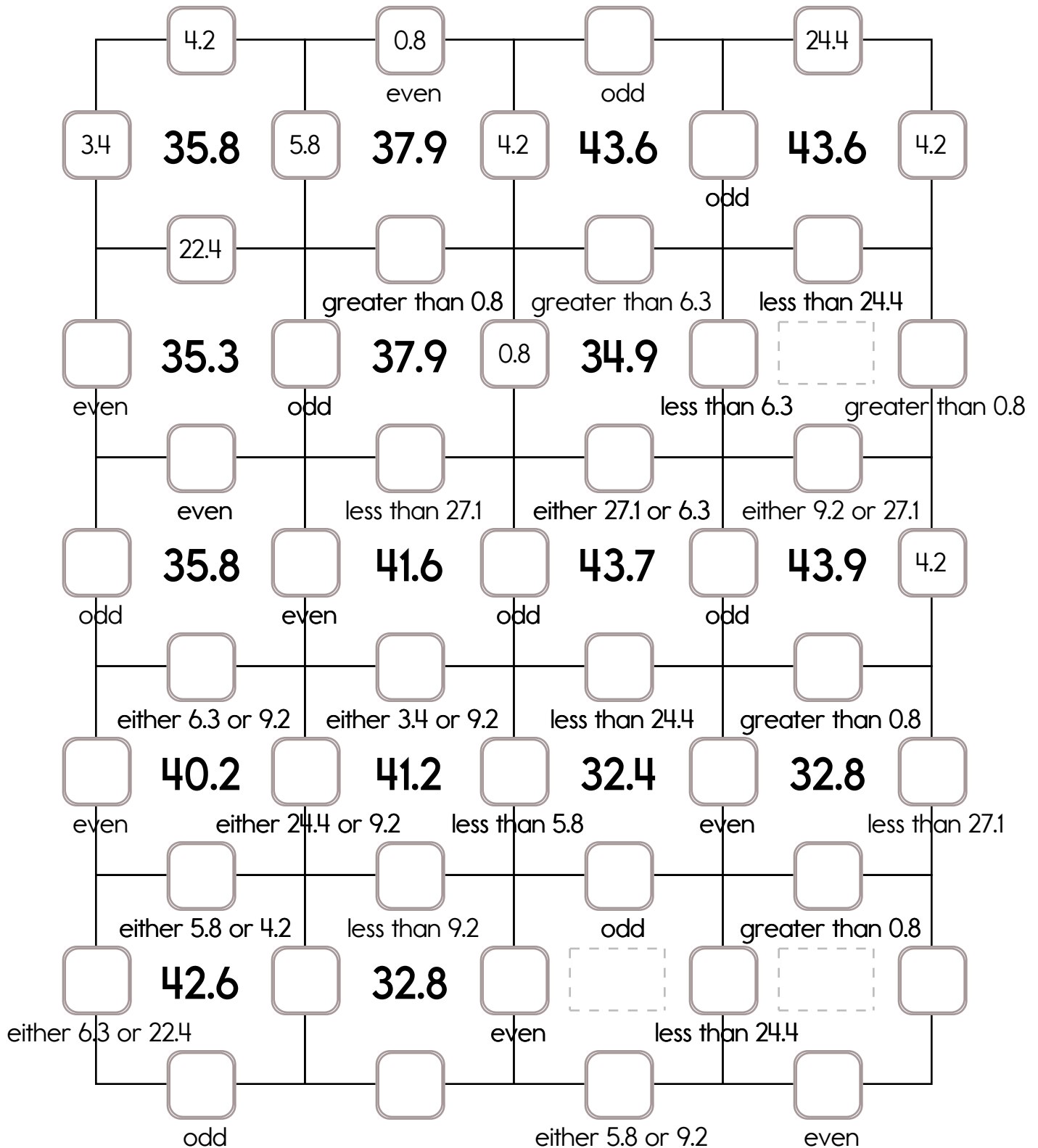**Exactly one of the four numbers has to be one of these numbers: 22.4, 27.1, or 24.4.**
The other three numbers have to all be DIFFERENT and must be from these: 3.4, 4.2,
5.8, 6.3, 9.2, or 0.8.

	4.2		0.8		☐		24.4	
			even		odd			
3.4	**35.8**	5.8	**37.9**	4.2	**43.6**	☐	**43.6**	4.2
						odd		
	22.4		☐		☐		☐	
			greater than 0.8		greater than 6.3		less than 24.4	
☐	**35.3**	☐	**37.9**	0.8	**34.9**	☐	[dashed]	☐
even		odd				less than 6.3	greater than 0.8	
	☐		☐		☐		☐	
	even		less than 27.1		either 27.1 or 6.3		either 9.2 or 27.1	
☐	**35.8**	☐	**41.6**	☐	**43.7**	☐	**43.9**	4.2
odd		even		odd		odd		
	☐		☐		☐		☐	
	either 6.3 or 9.2		either 3.4 or 9.2		less than 24.4		greater than 0.8	
☐	**40.2**	☐	**41.2**	☐	**32.4**	☐	**32.8**	☐
even	either 24.4 or 9.2		less than 5.8		even		less than 27.1	
	☐		☐		☐		☐	
	either 5.8 or 4.2		less than 9.2		odd		greater than 0.8	
☐	**42.6**	☐	**32.8**	☐	[dashed]	☐	[dashed]	☐
either 6.3 or 22.4				even	less than 24.4			
	☐		☐		☐		☐	
	odd				either 5.8 or 9.2		even	