Name: _____

Find 2 equations hidden in each box. Good luck!

7 x 6

42

10

9 x 7

16

56

0

8 x 7

Write 2 equations: _____ _____

---

8 - 6

9 - 1

6

9 - 2

2 - 2

0

2

6 - 1

Write 2 equations: _____ _____

---

4 + 4

7

6 + 3

3

9 + 8

1 + 2

14

16

18

13

9 + 4

Write 2 equations: _____ _____

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.

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

2   1   3   4

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

2   1   3   4

Hint - These numbers are missing:

2   1   2   1   2   4   1

Hint - These numbers are missing:

4   1   3   2   4   1   2

word root **circum** can mean **around**   **circumscriptive, circumvent, circumventive**

Name: _____

Fill in the missing numbers.

Hint - These numbers are missing:

2   1   1   4

Hint - These numbers are missing:

2   4   3   1   1

Hint - These numbers are missing:

1   3   1   2   1   3

Hint - These numbers are missing:

3   1   2   1   4   1

11, 13, 15, _____, 19, 21, 23,

25, 27

$$\begin{array}{r} 2\ 6\ 7 \\ -\ \ 7\ 4 \\ \hline \end{array}$$

Write an odd number.

Name: _____

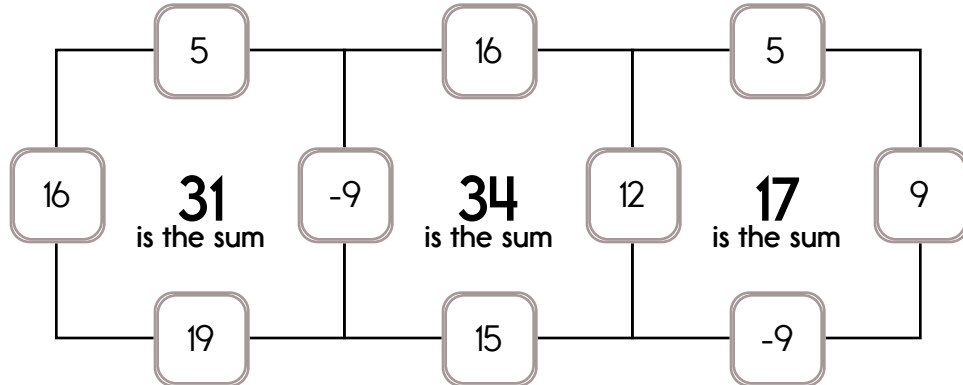This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

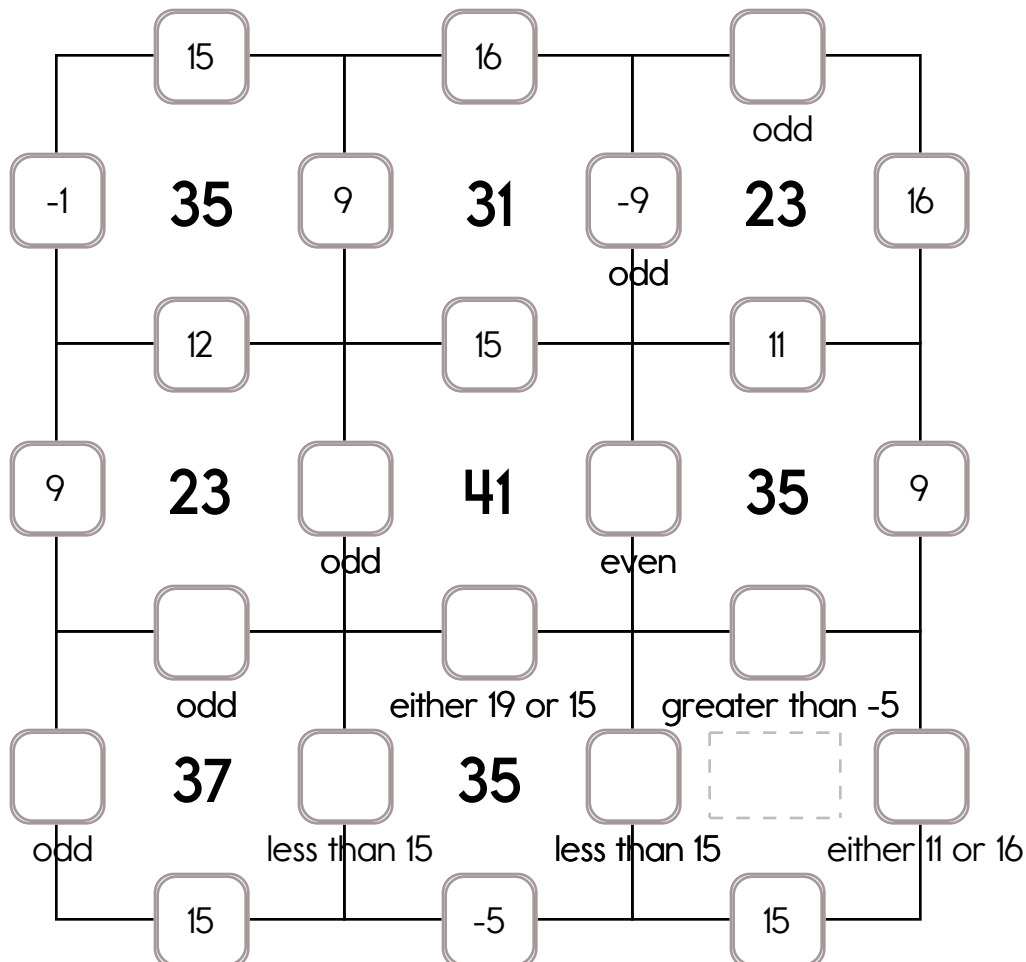Example:
16 + 5 + 19 - 9 = 31

Example:
12 + 9 + 5 - 9 = 17

Sample:

	5		16		5	
16	**31** is the sum	-9	**34** is the sum	12	**17** is the sum	9
	19		15		-9	

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 -1.
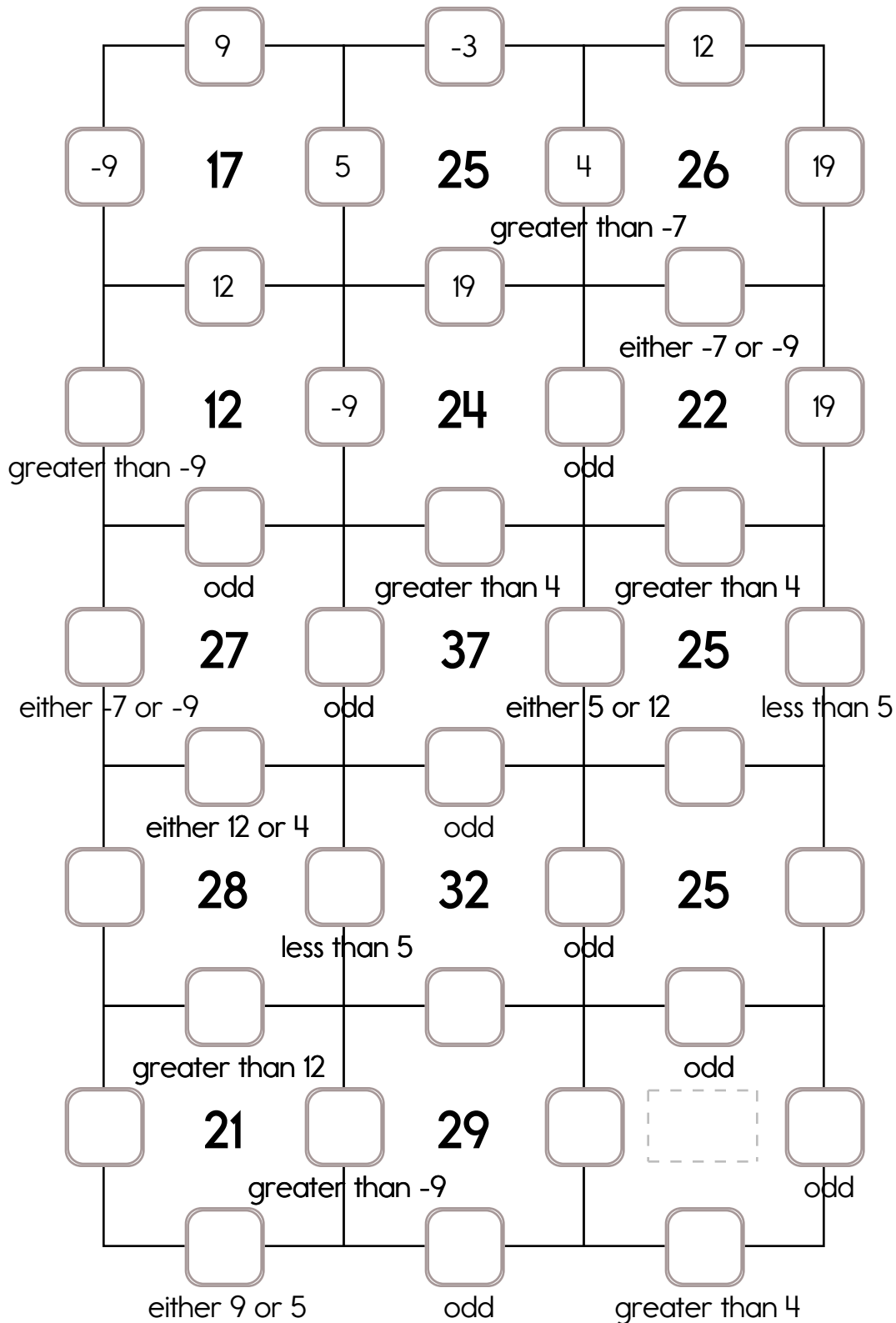**The other three numbers have to all be DIFFERENT and must be from these: 5, 11, 15, 9, 12, 19, or 16.**

	15		16		☐ odd	
-1	**35**	9	**31**	-9 odd	**23**	16
	12		15		11	
9	**23**	☐ odd	**41**	☐ even	**35**	9
	☐ odd		☐ either 19 or 15		☐ greater than -5	
☐ odd	**37**	☐ less than 15	**35**	☐ less than 15	☐	☐ either 11 or 16
	15		-5		15	

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, -3, or -9.

The other three numbers have to all be DIFFERENT and must be from these: 9, 7, 12, 5, 4, or 19.

9	-3	12

-9   **17**   5   **25**   4   **26**   19

greater than -7

12   19   ☐

either -7 or -9

☐   **12**   -9   **24**   ☐   **22**   19

greater than -9   odd

☐   ☐   ☐

odd   greater than 4   greater than 4

☐   **27**   ☐   **37**   ☐   **25**   ☐

either -7 or -9   odd   either 5 or 12   less than 5

☐   ☐   ☐

either 12 or 4   odd

☐   **28**   ☐   **32**   ☐   **25**   ☐

less than 5   odd

☐   ☐   ☐

greater than 12   odd

☐   **21**   ☐   **29**   ☐   ☐   ☐

greater than -9   odd

☐   ☐   ☐

either 9 or 5   odd   greater than 4

Name: _____

Puzzle:

7	🎹	cone	9
🎹	egg	egg	6
kangaroo	🎹	cone	10
15	3	7	**+**

Work Area:

7			9
			6
			10
15	3	7	**+**

The sum for each column and row is given.

cone = _____   egg = _____   kangaroo = _____

🎹 = _____

Puzzle:

sun	sun	sun	18
ostrich	ostrich	ostrich	12
basket	basket	basket	6
12	12	12	**+**

Work Area:

			18
			12
			6
12	12	12	**+**

The sum for each column and row is given.

sun = _____   basket = _____   ostrich = _____
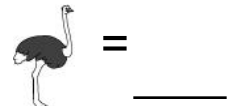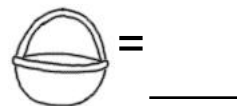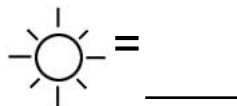
word root **di** can mean **two**   dilemma, diverge

Name: _____

Find the way from START to END by passing only through numbers that are multiples of two.
You are not allowed to go diagonally. Good luck!

START	79	41	91	39	27	55	81	5	47
70	79	21	11	97	37	75	55	67	33
10	4	66	31	95	43	55	65	97	11
92	64	54	67	79	81	67	55	21	61
76	36	14	15	1	37	83	27	31	55
50	56	20	61	17	95	73	27	23	1
6	90	6	12	52	34	56	91	76	66
46	88	18	62	41	63	30	84	82	26
71	39	77	33	87	35	92	98	63	74
37	19	89	1	93	13	67	83	43	END

Math Puzzles

Name: _____

| 94 | -70 | | | -9 | | -33 |

+75 | -6

-4

-7 | +16 | -27

-48 | **71**

-2 | -21 | +13

+15 | +35 | +56 | **77**

| 95 | -25 | -27 | +9 | +12 | +37 |

+7 | -3 | +31 | -74 | +14

-17 | **73**

| 70 | -6 | **64** | -5 | +36 | -11 |

Name: _____

Write the missing number.

Draw a line to match each problem with the same answer.

43, _____, 21, 10   ●   ●   _____, 34, 26, 18

21, 15, _____, 3   ●   ●   30, _____, 16, 9

55, _____, 29, 16   ●   ●   51, 37, 23, _____

27, _____, 19, 15   ●   ●   38, _____, 26, 20

_____, 45, 33, 21   ●   ●   62, 50, _____, 26

_____, 30, 22, 14   ●   ●   _____, 44, 31, 18

---

5 + 1 + 3	5 - 2 - 2 + 4 - 3	Make your own equation. ___ - 4 = ___
Circle the number that is smallest. 10,010 11,000 10,001 10,100	What is 23 less than 195?	5 less than 465

Name: _____

3 • 5 • = • - • 3 • 0 • 6 • = • 4 • - • 7 • 9 • - • = • 7 • 8
7 • 7

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

5	-			2		2				
-						2				
		6	-				4			
=					2		6			
		1		0		6	-	5		
-				8		1				
4				-	1	=	8	-	1	
				8		1				
						2				
		9	-	5	=		-	3		
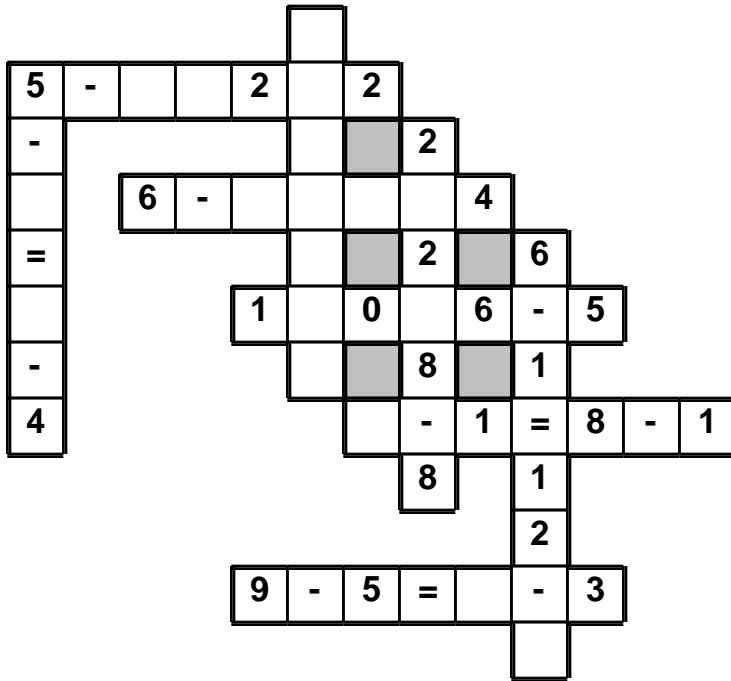
In four hours it will be midnight. What time is it now?	double 300	108, 114, _____, 126, 132, 138, 144
180, _____, 216, 234, 252, 270, 288, 306, 324	3 thousands, 8 tens, 6 hundreds, 4 ones	It is 7:44 when Erin leaves her house. She arrives at school at 8:02. How much time has passed?

Math Puzzles

Name: _____

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

Rose has $50.76. She has 3 bills and 11 coins. How?

		$20

◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯ 1¢

◯

Jack has $87.18. He has 9 bills and 19 coins. How?

◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯

◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯

Amanda has $101.96. She has 9 bills and 6 coins. How?

---

11 + ☐ = 14	32 + ☐ = 37	6 + ☐ = 31	15 + ☐ = 28

Math Puzzles

Name: _____

Cross off the number that does NOT belong.

$$5, 7, 8, 9, 11, 13, 15$$

Why does _____ not belong in the pattern?

Cross off the letter that does NOT belong.

$$D, I, M, N, S, X$$

Why does _____ not belong in the pattern?