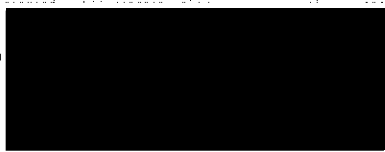


James



November 3, 2003

GUESS MY RULE

4.

| X | Y |
|---|----|
| 0 | -1 |
| 1 | 1 |
| 2 | 3 |
| 3 | 5 |
| 4 | 7 |
| 5 | 9 |

$$(x+2) - 1 = y$$

$$0 \times 2 = 0 \quad * | -1$$

$$1 \times 2 = 2 \quad = 1$$

$$2 \times 2 = 4 \quad = 3$$

$$3 \times 2 = 6 \quad = 5$$

$$10 \times 2 = 20 \quad - 1 = 19$$

| X | Y |
|---|----|
| 0 | -2 |
| 1 | 0 |
| 2 | 2 |
| 3 | 4 |
| 4 | 6 |

$$(x) - 2 = y$$

$$x + 3 \times 3 = y$$

$$x \times 3 + 3 = y$$

~~$$2(x+1)$$~~

$$(x-1) - 2 = y$$

$$1 \times 3 + 3 = 6$$

$$(1+3) \times 3 = 12$$

~~$$2 \times 2 + 4 = 8$$~~
~~$$2 + 2 + 2 = 6$$~~
~~$$1 \times 2 + 4 = 6$$~~
~~$$1 \times 2 + 2 = 4$$~~
~~$$2(x) + 4$$~~
~~$$(x+2) \cdot 2$$~~

Ariel



11-3-09

GUESS MY RULE

$$0 \times 1 = 0 - 1$$

4. X $Y = X^2 - 1$ $(0 \times 2) = 0$

$0 = -$
 $1 \text{ and } 2 = +$
 $Y + 2$

0 -1 Add 1 to the X.

$$1 \times 0 + 1 \times 1 = 1 \times 0$$

$$2 \times 0 + 3 = 3$$

$$0 + 2 = 2$$

$$+ 1 = 1$$

$$3 \quad 5 \quad 2$$

Rule
 $X^2 - 1$

$$4 \quad 7 \quad 3$$

$$5 \quad 9 \quad 4$$

$$6 \quad 11 \quad 5$$

$$7 \quad 13 \quad 6$$

$$8 \quad 15 \quad 7$$

$$9 \quad 17 \quad 8$$

$$10 \quad 19 \quad 9$$

$$11 \quad 21 \quad 10$$

$$12 \quad 23 \quad 11$$

$$13 \quad 25 \quad 12$$

| | |
|----|----|
| 20 | 38 |
| 10 | 20 |
| 2 | 2 |
| 2 | 2 |
| 2 | 2 |
| 14 | 27 |
| 15 | 29 |
| 16 | 31 |
| 17 | 33 |
| 18 | 35 |
| 19 | 37 |
| 20 | 39 |

$10 \times 2 = 20$
 $-X \text{ from } Y$

$$0 = 59$$

$$\times 18$$