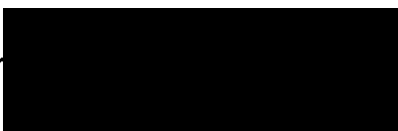


James



November 2, 2005

GUESS MY RULE

1.

X	Y
0	1
1	3
2	5
3	7
4	9
5	11

$$x \cdot 2 + 1$$

$$x + 3 \cdot 3 = 4$$

$$(5 + 2) \cdot 3 = 21$$

$$x + 3 = \square \quad x \cdot 3 = 4$$

$$\begin{aligned} 0 + 3 &= 3 \cdot 3 = 9 \\ 1 + 3 &= 4 \cdot 3 = 12 \\ 2 + 3 &= 5 \cdot 3 = 15 \end{aligned}$$

James



November 2, 2005

GUESS MY RULE

2.

X	Y
0.5	5
1.6	7
2.7	9
3.8	11
4.9	13
2.5 3.5	5

$\times 2 + 5$

- 10
- 11
- 12
- 13
- 14
- 15

$$\begin{array}{r}
 82 \\
 \times 2 \\
 \hline
 164 \\
 + 5 \\
 \hline
 169
 \end{array}$$

$$82 + 87 = 169$$

James



November 2, 2005

GUESS MY RULE

3.

X	Y
0+1	1
1+3	4
2+5	7
3+7	10
4+9	13
5+11	16
6+13	19
7	15
8	17
9	19
10	21
11	23
12	25
13	27
14	29
15	31
16	33
17	35
18	37

every number

+ odd ~~##~~

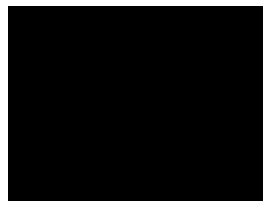
+ 1

~~25 + 55 = 80~~

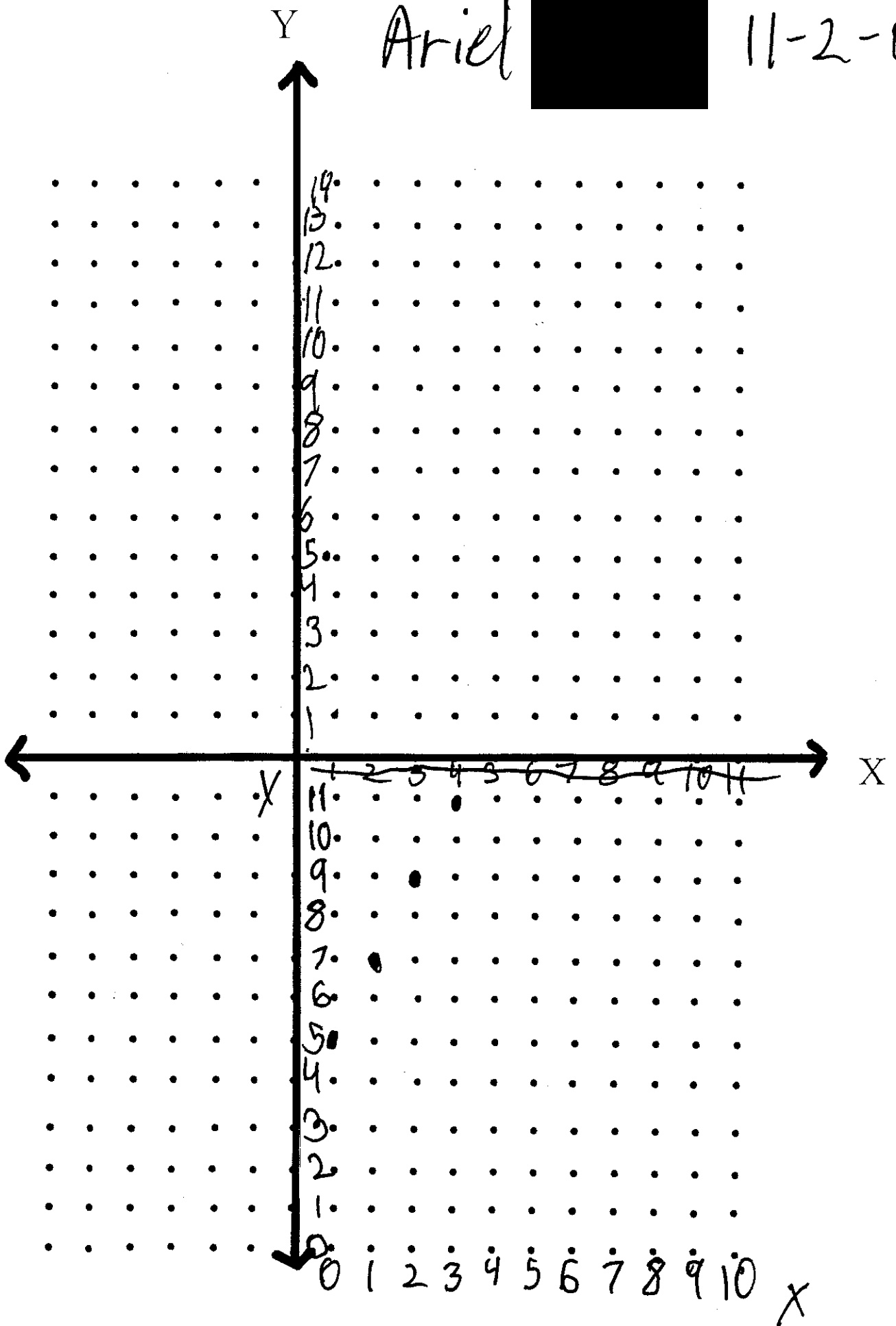
- 19 39
- 20 41
- 21 43
- 22 45
- 23 47
- 24 49
- 25 51

3
16
5
80

Ariel



11-2-05



Ariel



11-2-05

GUESS MY RULE

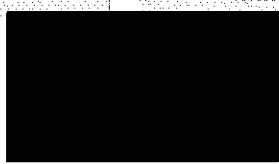
1.

X	Y
0	1
1	3
2	5
3	7
4	9
5	11
6	13

$$x2 + 1$$

$$\text{ex: } 6 \times 2 + 1 = 13$$

Ariel



11-2-05

GUESS MY RULE

2.

X	Y
0	5
1	7
2	9
3	11
4	13
5	15

$$x2 + 5$$

other: 0+5
 1+6
 2+7
 3+8
 4+9

$$0 \times 2 + 5 = 5$$

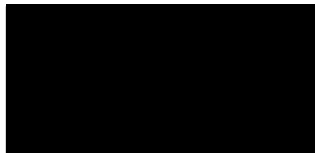
$$1 \times 2 + 5 = 7 \quad 2 \times 2 +$$

$$2 \times 2 + 5 = 9$$

$$3 \times 2 + 5 = 11$$

X	Y
6	17
7	19
8	21
9	23
10	25
11	27
12	29

Ariel



11-2-05

GUESS MY RULE

$x3 + 1$

~~84x~~

3. X | Y

$0x3 + 14$

$1x3 + 14$

$2x3 + 17$

3. 10

4. 13

5. 16

6. 19

7. 21

8. 24

9. 27

10. 30

11. 33

12. 36

13. 39

14. 42

15. 45

$1,250$
 $x \quad 3$

$3,750 + 16 = 48$

$3,751$ 17 51

18 54

19 57

20 60

21 63

22 66

23 69

24 72

25 75

26 78

$30 \times 2 = 60$

$+ 16$

~~76~~

84

$x \quad 3$

 $252 + 1 = 253$