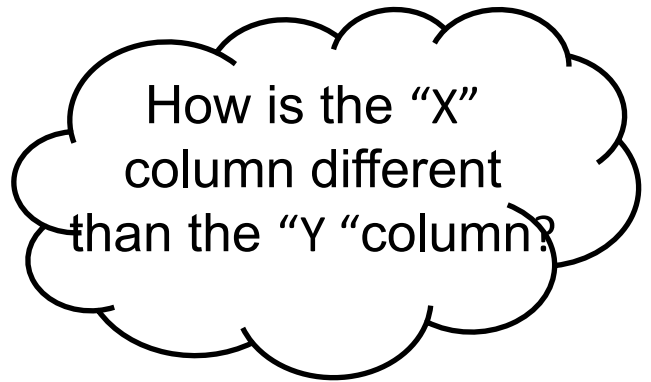


What's My Pattern?

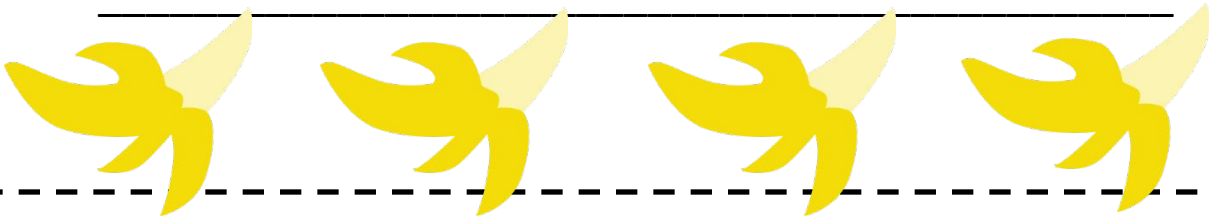
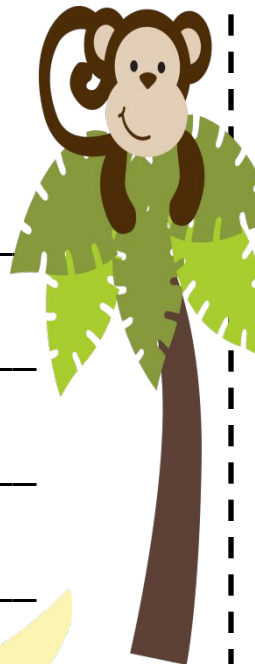
Name _____

Fill in the missing numbers in the function table below.

X	Y
3	6
4	8
5	
6	
7	
8	



What Patterns Do You Notice?



What's My Pattern?

Name _____

	X	Y
	3	6
+ 2	4	8
+ 3	5	10
+ 4	6	12
	7	14
	8	16

Each number in the X column increases by 1.

Each number in the Y column increases by 2.

The numbers in the Y column are always even.

The difference between each set of diagonal numbers increases by 1.

The number in the Y column is twice as much as the number in the X column.



There are different ways you can express this mathematically.

X is $\frac{1}{2}$ of Y



$$X = \frac{1}{2} Y$$

Y is twice as much as



$$Y = 2(X)$$

X

Find the Pattern, Write the Rule

Name _____

X	2	3	5	7	9
Y	6	9	15	21	27

Rule _____

X	6	9	12	15	18
Y	8	11	14	17	20

Rule _____

X	10	12	14	16	18
Y	20	24	28	32	36

Rule _____

X	16	18	20	22	24
Y	26	28	30	32	34

Rule _____

X	5	6	7	8	9
Y	25	30	35	40	45

Rule _____

X	2	4	6	8	10
Y	1	2	3	4	5

Rule _____

X	18	19	20	21	22
Y	15	16	17	18	19

Rule _____

X	7	10	13	16	19
Y	12	15	18	21	24

Rule _____

X	5	11	17	23	29
Y	1	7	13	19	25

Rule _____

X	3	6	9	12	15
Y	1	2	3	4	5

Rule _____



Find the Pattern, Write the Rule

Name _____

X	10	20		40	50
Y	6	11	16	21	

Rule _____

X	12		36	48	60
Y	3	6	9		15

Rule _____

X	99	95	91		83
Y	84		76	72	

Rule _____

X	64	68		76	
Y		34	36	38	40

Rule _____

X	71	81	91		111
Y		40	45	50	55

Rule _____

X	6	8		12	
Y		24	30	36	42

Rule _____

X	45		55	60	
Y	37	42		52	57

Rule _____

X	16		20	22	24
Y	7	8	9		11

Rule _____

X	46		62	70	78
Y	26	34	42		58

Rule _____

X			60	65	70
Y	10	11	12	13	14

Rule _____

