Name: _____

Watch It Grow!

Heather is collecting pennies. She has 3 pennies already. Everyday she gets 2 more pennies. Fill in the table to show how many pennies Heather will have on days 1, 2, 3, 4, and 5.

Day	Pennies
Start	
1	
2	
3	
4	
5	

How many pennies will Heather have on day 13? _____

On day 20? _____

On day 30? _____

How do you know?

Write a rule that you could use to determine how many pennies

Heather has on any day. _____

_____

Now, use graph paper to make a graph of Heather's pennies on the first five days.

Name: _____

Catching Up or Not?

Sean and Luke are collecting marbles. Sean starts with 3 marbles and gets 3 marbles each day. Luke starts with 0 marbles and gets 4 marbles each day.

Who has the most marbles on day 2? _____

How do you know?

Fill in the table below to show how many marbles each boy has on the first five days.

Day	Sean	Luke
Start		
1		
2		
3		
4		
5		

How many marbles will each boy have on day 20?

　　　　Luke: _____

　　　　Sean: _____

How do you know?

Write a rule to determine how many marbles Luke has on any day.

_____

Write a rule to determine how many marbles Sean has on any day.

_____

Now use the graph paper to make a graph showing Luke's and Sean's growing collections.

Name: _____

More Catching Up or Not?

Jill and Betsy are collecting stamps. Jill starts with 1 stamp and gets 4 stamps each day. Betsy starts with 9 stamps and gets 2 stamps each day.

Who has the most stamps on day 2? _____

How do you know?

Fill in the table below to show how many stamps each girl has on the first five days.

Day	Jill	Betsy
Start		
1		
2		
3		
4		
5		

How many stamps will each girl have on day 20?

Jill: _____

Betsy: _____

How do you know?

Write a rule to determine how many stamps Jill has on any day.

_____

Write a rule to determine how many stamps Betsy has on any day.

_____

Now use the graph paper to make a graph showing Jill's and Betsy's growing collections.

Name: _____

Still More Catching Up or Not?

Tessa and Jay are collecting rocks. Tessa starts with 2 rocks and gets 4 rocks each day. Jay starts with 10 rocks and gets 3 rocks each day.

Who has the most marbles on day 3? _____

How do you know?

Who has the most on day 10? _____

How do you know?

Fill in the table below to show how many rocks each child has on the first ten days.

Day	Tessa	Jay
Start		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

How many rocks will each child have on day 20?

Tessa: _____

Jay: _____

How do you know?

Write a rule to determine how many rocks Tessa has on any day.

_____

Write a rule to determine how many rocks Jay has on any day.

_____

Now use the graph paper to make a graph showing Tessa's and Jay's growing collection.

Name: _____

More Watch It Grow!

Zoe is collecting pins. She has 2 pins already. Everyday she gets 3 more pins. Fill in the table to show how many pins Zoe will have on days 1, 2, 3, 4, and 5.

Day	Pennies
Start	
1	
2	
3	
4	
5	

How many pennies will Zoe have on day 16? _____

On day 25? _____

On day 37? _____

How do you know?

Write a rule that you could use to determine how many pins

Zoe has on any day. _____

_____

Now, use graph paper to make a graph of Zoe's pins on the first ten days.