

Labsheet 4.3B

Frogs, Fleas, and Painted Cubes

First and Second Differences

$y = x + 2$

x	y
0	
1	
2	
3	
4	
5	

First Differences Second Differences

$y = 2x$

x	y
0	
1	
2	
3	
4	
5	

First Differences Second Differences

$y = 2^x$

x	y
0	
1	
2	
3	
4	
5	

First Differences Second Differences

$y = x^2$

x	y
0	
1	
2	
3	
4	
5	

First Differences Second Differences