

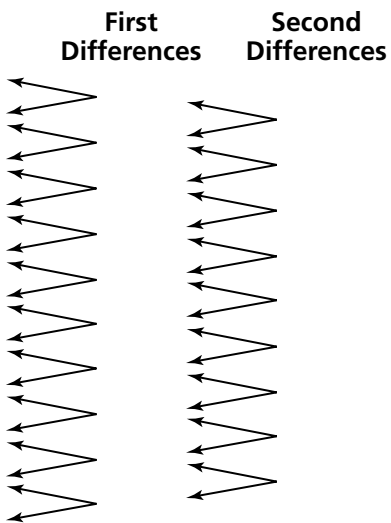
# Labsheet 4.3A

Frogs, Fleas, and Painted Cubes

## First and Second Differences

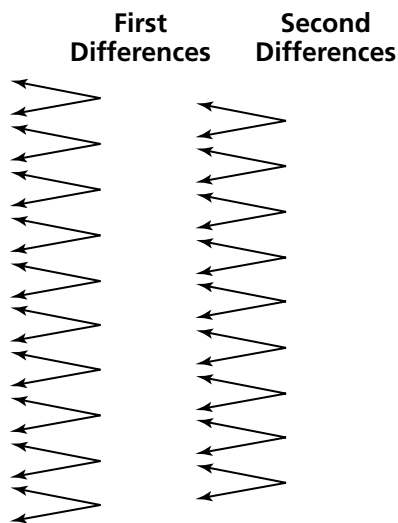
$$y = 2x(x + 3)$$

x	y
-5	
-4	
-3	
-2	
-1	
0	
1	
2	
3	
4	
5	



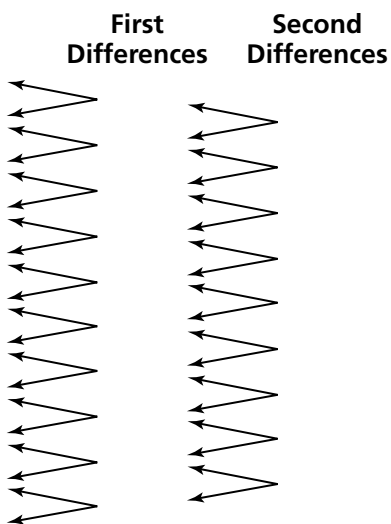
$$y = 3x - x^2$$

x	y
-5	
-4	
-3	
-2	
-1	
0	
1	
2	
3	
4	
5	



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

x	y
-5	
-4	
-3	
-2	
-1	
0	
1	
2	
3	
4	
5	



$$y = x^2 + 5x + 6$$

x	y
-5	
-4	
-3	
-2	
-1	
0	
1	
2	
3	
4	
5	

