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<u>Example 3</u> Rep	peat Example 2 using a graphing calculator. Predict y if x = 8.
<u>STEPS</u>	
1. Enter date into List 1 and List 2	
2. Perform an exponential regression	
3. Substitute x = 8 into the exponential function	
<u>Power Function:</u> <u>Example 4</u> Wri and	y = ax <sup>b</sup> ite a power function y = ax <sup>b</sup> whose graph passes through (3, 2) i (6, 9).
<u>STEPS</u>	
1. Substitute bot	h points into power function
2. Solve for a in the 1st equation, substitute the result into the 2nd equation	

3. Substitute a & b into  $y = ax^b$ 

