

# 8-1: Exploring Exponential Models

- ▶ Graphing Exponential Growth
  - Example: Graph  $y = 2^x$
  - Step 1: Make a table of values
  - Step 2: Graph the coordinates with a smooth curve



x	$2^x$	y
-3	$2^{-3}$	$1/8 = 0.125$
-2	$2^{-2}$	$1/4 = 0.25$
-1	$2^{-1}$	$1/2 = 0.5$
0	$2^0$	1
1	$2^1$	2
2	$2^2$	4
3	$2^3$	8

# Practice 8 1 Exploring Exponential Models

**Emilie Sanchez**



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web this problem has been solved you ll get a detailed solution from a subject matter expert that helps you learn core concepts question write the complete electron configuration and orbital diagram for each of the following enter up to indicate an upwards pointing arrow down to indicate a downwards pointing arrow up down to indicate two

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web determine element from electron configuration determine number of electrons in an element s orbital s element groups to use select at least one s block alkali metals and alkaline earth metals p block nonmetals metalloids and other metals d

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web chemistry chemistry questions and answers part a write the full electron configuration for the following si3 part b write the noble gas abbreviated electron configuration for the following nb4 part c draw the orbital diagram for the following excited ca2 determine the number of unpaired electrons from your previous answer