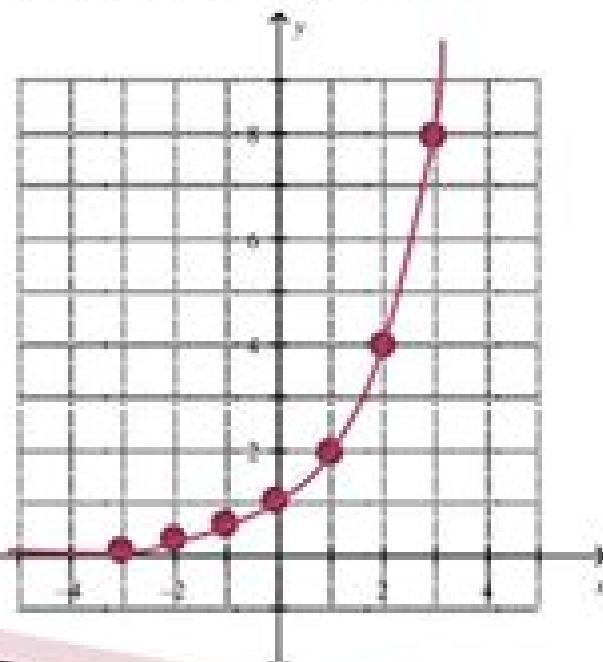


8-1: Exploring Exponential Models

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
1	$2^1 = 2$	2
2	$2^2 = 4$	4
3	$2^3 = 8$	8

Practice 8 1 Exploring Exponential Models

Hans Ulrich Simon, Gábor Lugosi

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