

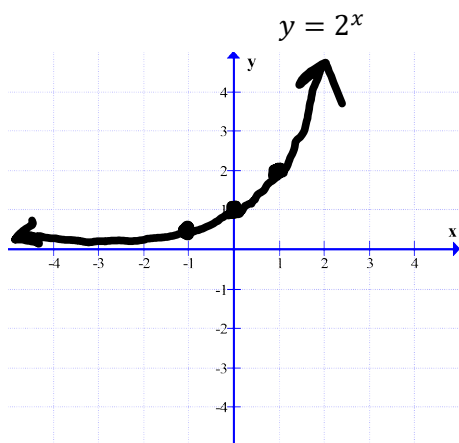
C12 - 8.7 - Graph Log Notes

Graph: $y = \log_2 x$

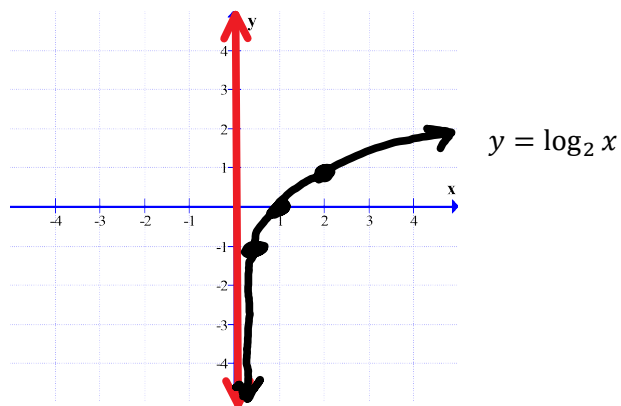
$$y = 2^x$$

x	y
-1	$\frac{1}{2}$
0	1
1	2

x	y
$\frac{1}{2}$	-1
1	0
2	1



$x \leftrightarrow y$

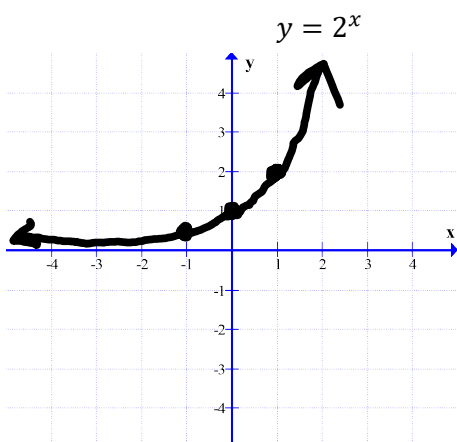


VA: $x = 0$ Domain: $x \geq 0$

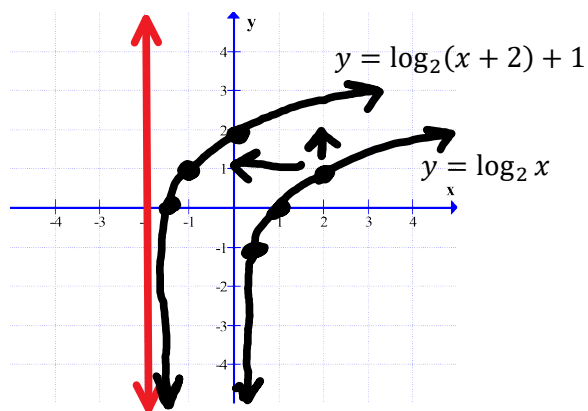
Graph: $y = \log_2(x + 2) + 1$

$$y = 2^x$$

Left 2
Up 1



$x \leftrightarrow y$



$$x + 2 = 0$$

$$x = -2$$

VA

$$x + 2 > 0$$

$$x > -2$$

Domain