

Changing A: $y = A \times 2^x$

$A = 2: y = 2 \times 2^x$

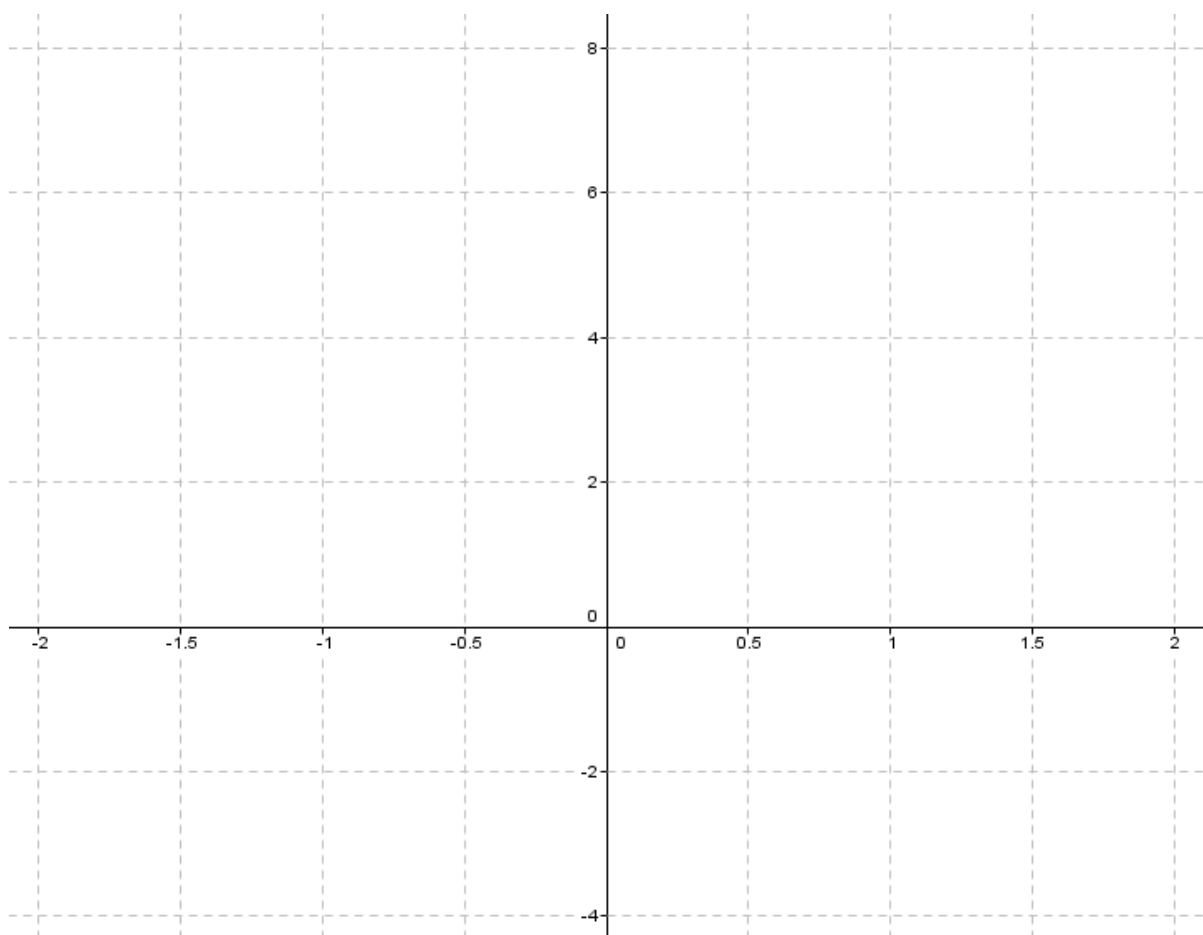
X	-2	-1	0	1	2
y					

$A = 0.5: y = 0.5 \times 2^x$

X	-2	-1	0	1	2
y					

$A = -1: y = (-1) \times 2^x$

X	-2	-1	0	1	2
y					



Changing k: $y = 2^{kx}$

$k = 1.5: y = 2^{1.5x}$

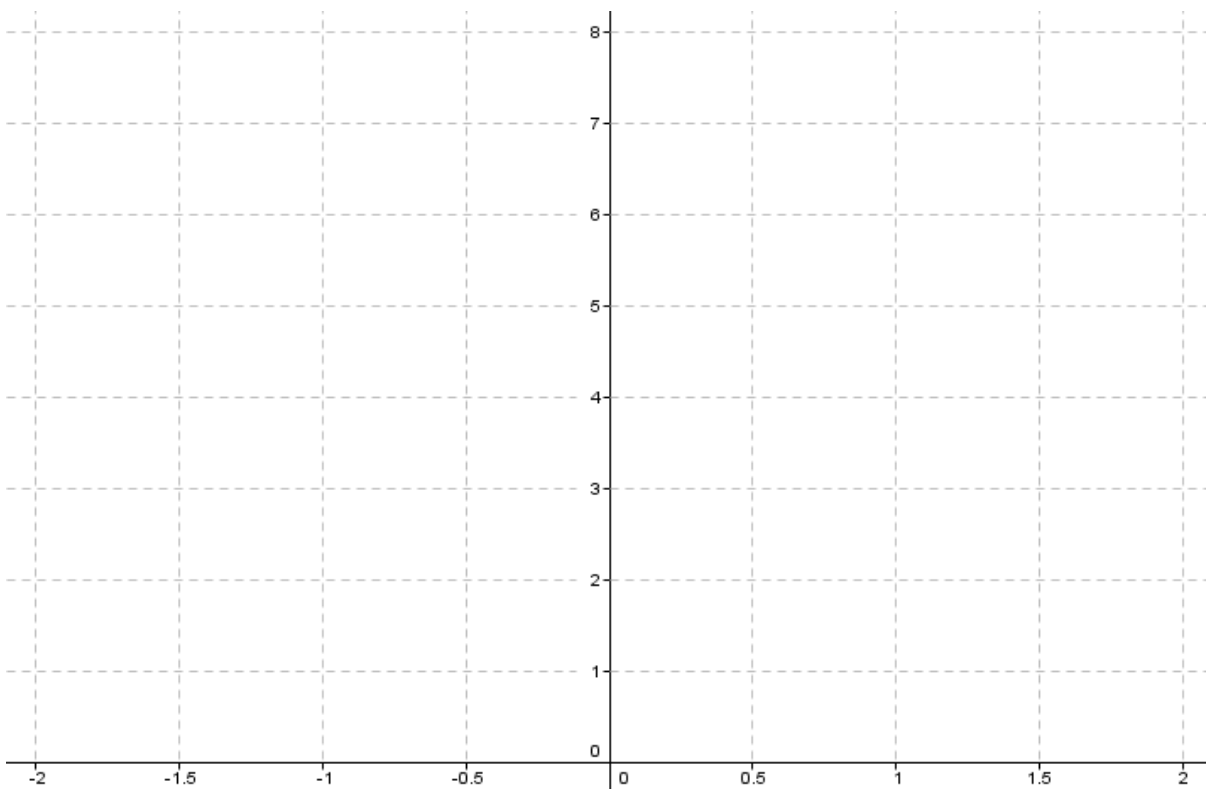
X	-2	-1	0	1	2
y					

$k = 0.5: y = 2^{0.5x}$

X	-2	-1	0	1	2
y					

$k = -0.5: y = 2^{-0.5x}$

X	-2	-1	0	1	2
y					



Changing b: $y = b^x$

$b = 3: y = 3^x$

X	-2	-1	0	1	2
y					

$b = 1.5: y = 1.5^x$

X	-2	-1	0	1	2
y					

$b = 0.5: y = 0.5^x$

X	-2	-1	0	1	2
y					

