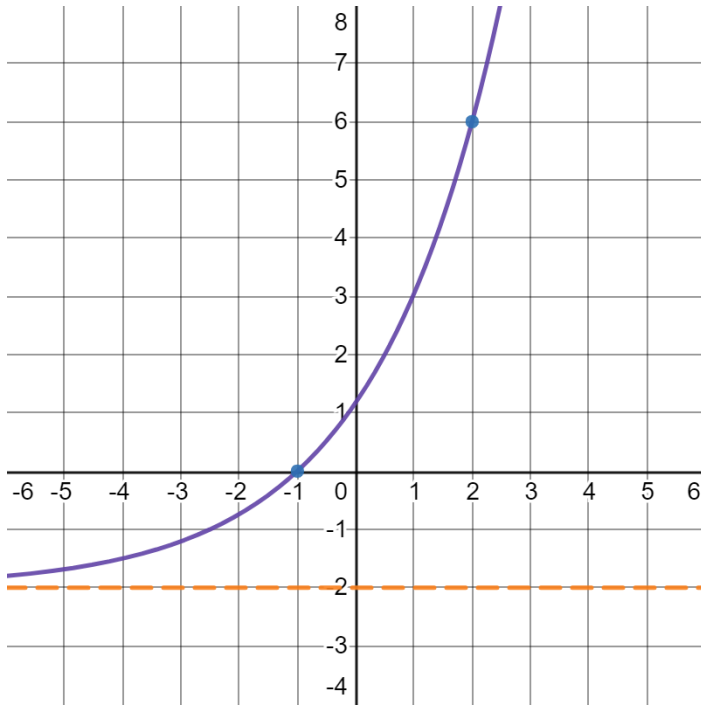


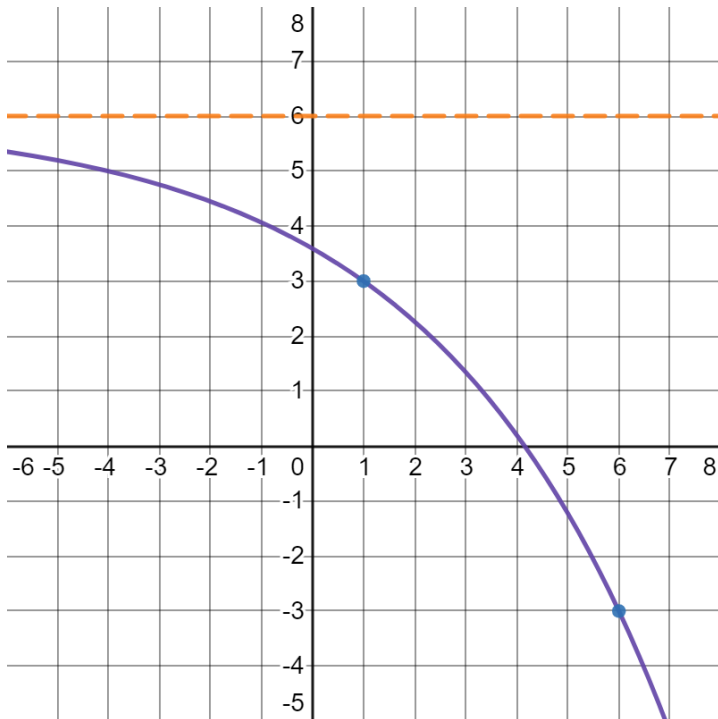
# Practice Building Equations

Build an exponential function in base something and base  $e$  given that it passes through the indicated point. For base  $e$ , just get the exponent correct to one decimal (although you could use a graphing calculator to solve it more precisely).

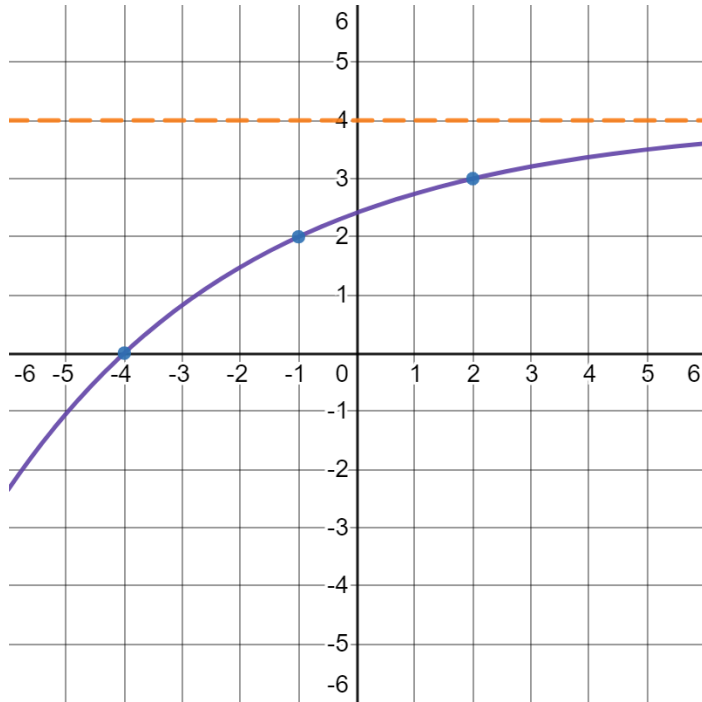
1.



2.



3.

4. Through  $(-3, 4)$  and  $(10, 2)$  with a horizontal asymptote of  $y = -5$

5. Through  $(-6, -2)$  and  $(-3, 4)$  with a horizontal asymptote of  $y = -9$

6. Through  $(-9, 5)$  and  $(-1, 4)$  with a horizontal asymptote of  $y = 7$

