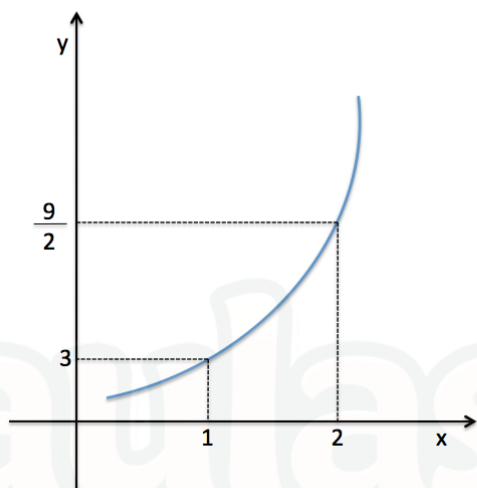


Função Exponencial

Determinar a função a partir do gráfico:



1 (x, y)

(1,3) $\xrightarrow{2}$ $y = k \cdot a^x$ \longrightarrow $3 = k \cdot a^1$

(2,9/2) $\xrightarrow{2}$ $y = k \cdot a^x$ \longrightarrow $9/2 = k \cdot a^2$

3 $\frac{3}{9/2} = \frac{k \cdot a^1}{k \cdot a^2}$

$\frac{2}{3} = \frac{1}{a}$

$k = 2$

$a = 3/2$

4 $y = 2 \cdot (3/2)^x$