Population and Money doubles/triples



Example 2:

The United States public debt, in billions of dollars, has been estimated with the model $y = 0.051517(1.1306727)^3$. The exponent represents the number of years since 1990.

a) How long will it take to double the public debt? (Sometimes called the doubling time.)



Example 3
A certain bacteria grows at a rate of 31.5% per hour.
$$B=T(1+.315)^{h}$$

a) How long will it take to double the population?
 $Q = (1.315)^{h}$
 g_{0} to l_{0} form $l_{0}g_{1.315}^{l} = 1.052$
 $hange \circ f_{formula}^{l} h = 1.052$
 $hange \circ f_{formula}^{l$