

mobius

Exponential Function Solution Equation Decay (Continuous) Equation to Starting



ValueRearrange this equation to solve for the starting population given this model of a continuous decline of a whale population?

847	=	P_0	$\cdot e^{(\cdot)}$	-0.02·3)
847	=	P_0	$\cdot e^{(\bar{z})}$	-0.02·3 _/

Rearrange this equation to solve for the starting population given this model of a continuous decline of a bird population?

$$247 = P_0 \cdot e^{(-0.06 \cdot 8)}$$

$$^{^{\mathsf{A}}}P_{0}=rac{847}{e^{(rac{-0.02}{3})}}$$

$$P_0 = rac{847}{e^{(-0.02\cdot 3)}}$$

	Α	$P_0 = rac{e^{(-0.06 \cdot 8)}}{247}$	B $P_0 = rac{247}{e^{(rac{-0.06}{8})}}$
-	С	$P_0 = rac{247}{e^{(-0.06\cdot 8)}}$	

3 Rearrange this equation to solve for the starting population given this model of a a continuously declining bacteria population?

$$558 = P_0 \cdot e^{(-0.04 \cdot 9)}$$

inge this equation to	solve for the	starting pop	ulation	given thi	S
model of a continuo	ous decline of	f a whale po	pulation	1?	
3					ange this equation to solve for the starting population given thi model of a continuous decline of a whale population?

$$407 = P_0 \cdot e^{(-0.06 \cdot 9)}$$

5 Rearrange this equation to solve for the starting population given this model of a a continuously declining bacteria population?

Rearrange this equation to solve for the starting population given this model of a a continuously declining bacteria population?

$$511 = P_0 \cdot e^{(-0.02 \cdot 8)}$$

$$668 = P_0 \cdot e^{(-0.02 \cdot 9)}$$

$$\begin{array}{|c|c|c|c|}\hline \mathsf{A} & & P_0 = \frac{\mathsf{5}11}{e^{(-0.02 \cdot 8)}} & & \mathsf{B} & & P_0 = \frac{e^{(-0.02 \cdot 8)}}{\mathsf{5}11} \\ \hline \mathsf{C} & & P_0 = \frac{\mathsf{5}11}{e^{(\frac{-0.02}{8})}} & & & & \\ \hline \end{array}$$

$$^{^{\mathsf{A}}}P_0 = rac{\mathsf{668}}{e^{(rac{-0.02}{9})}} \,\, egin{align*}^{^{\mathsf{B}}}P_0 = rac{\mathsf{668}}{e^{(-0.02 \cdot 9)}} \end{array}$$

7 Rearrange this equation to solve for the starting population given this model of a a continuously declining bacteria population?

Rearrange this equation to solve for the starting concentration given this model of a continuous reduction of a toxin concentration?

$$243 = P_0 \cdot e^{(-0.09 \cdot 8)}$$

$$532 = C_0 \cdot e^{(-0.04 \cdot 3)}$$

Α	$P_0 = rac{243}{e^{(-0.09\cdot 8)}}$	В	$P_0 = rac{243}{e^{(rac{-0.09}{8})}}$	Α
С	$P_0=rac{e^{(-0.09\cdot 8)}}{243}$			С