

$$\frac{32,000 \text{ hectares}}{2 \text{ days}} = \frac{16,000 \text{ hectares}}{1 \text{ day}} = 16,000 \text{ hectares/day}$$

Current Estimate 1 lists hectares per year and Estimate 2 lists hectares per day. 1 hectare = 100 ares

$$\frac{1 \text{ hectare}}{100 \text{ ares}} = \frac{100 \text{ ares}}{1 \text{ hectare}} = 100 \text{ ares/hectare}$$

$$\frac{32,000 \text{ hectares}}{2 \text{ days}} = \frac{32,000 \times 100 \text{ ares}}{2 \text{ days}} = \frac{3,200,000 \text{ ares}}{2 \text{ days}} = 1,600,000 \text{ ares/day}$$

Notice that Estimate 2, when converted to hectares, is identical to Estimate 1. Now convert the estimate of 32,000 hectares into the amount cleared per year. How much larger is Estimate 2 than Estimate 1? $32,000 \text{ hectares} \times 2 = 64,000 \text{ hectares}$

$$32,000 \text{ hectares} \times 2 = 64,000 \text{ hectares}$$

$$64,000 \text{ hectares} - 32,000 \text{ hectares} = 32,000 \text{ hectares}$$

Why might environmental organizations, or anyone else, choose to present similar information in different ways? One reason for this is that the information is different. While it is true many people are likely to have an idea of 1000, or 100,000, or 1,000,000.



How many years had it taken to add 1 billion more people over the last 200 years, starting with 0 billion in 1800, and ending with 7 billion in 2000?

- a. 100 years
- b. between 100 and 150 years
- c. between 150 and 200 years
- d. between 200 and 250 years

Which period had the fastest growth, and which had the slowest?

- a. Period from 1800 to 1900 had the fastest growth.
- b. Period from 1800 to 1900 had the slowest growth.
- c. Period from 1900 to 2000 had the fastest growth.
- d. Period from 1900 to 2000 had the slowest growth.

Project when global population will reach 8 billion.

- a. 2015, assuming a steady rate of population increase
- b. 2025, assuming a steady rate of population increase
- c. 2035, assuming a steady rate of population increase
- d. 2045, assuming a steady rate of population increase

d. All electric vehicles, which run on batteries only, are becoming more common. The range that a given vehicle can travel without being charged is a function of the efficiency of the vehicle and the storage capacity of the vehicle. The mileage range of five common electric vehicles are: 100 miles.

Friedland Apes Answers

Emilie Sanchez



Friedland Apes Answers:

Friedland/Relyea Environmental Science for AP* Andrew Friedland,Rick Relyea,David Courard-Hauri,2011-02-15

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Environmental Science: Foundations and Applications Andrew Friedland,Rick Relyea,David Courard-Hauri,2011-02-25 Watch a video clips and view sample chapters at www.whfreeman.com/friedlandpreview Created for non majors courses in environmental science environmental studies and environmental biology Environmental Science Foundations and Applications emphasizes critical thinking and quantitative reasoning skills Students learn how to analyze graphs measure environmental impact on various scales and use simple calculations to understand key concepts With a solid understanding of science fundamentals and how the scientific method is applied students are able to evaluate information objectively and draw their own conclusions The text equips students to interpret the wealth of data they will encounter as citizens professionals and consumers

Medicine's 10 Greatest Discoveries Meyer Friedman,Gerald W. Friedland,1998-01-01 In 1675 Antony van Leeuwenhoek an unlearned haberdasher from Delft placed a drop of rainwater under his microscope and detected thousands of tiny animals in it Leeuwenhoek proceeded to examine the microscopic activity of his spittle teeth plaque and feces and as the result of his findings the field of bacteriology was born Some two hundred years later Wilhelm Conrad Roentgen a professor of theoretical physics at the University of Wurzburg invited his wife to his laboratory asked her to place her hand on an unexposed photographic plate turned on an electric current and showed this terrified woman a picture of the bones of her hand And so came the discovery of the X ray This absorbing book is the first to describe these and eight other monumental medical discoveries throughout history bringing to life the scientific pioneers responsible for them and the excitement frustrations and jealousies that surrounded the final achievements Two distinguished physicians Meyer Friedman and Gerald W Friedland have drawn on their many years of experience as well as on that of world renowned antiquarian book dealers physician collectors of old and new medical publications and medical school professors to single out these medical breakthroughs from thousands of candidates and in several cases to provide information never before available Their engrossing stories of the ten most significant discoveries will be read with enjoyment by anyone fascinated by the mysteries of medicine

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