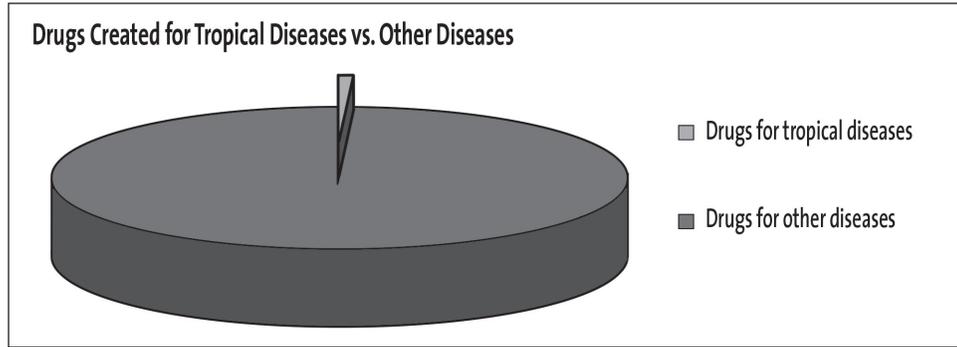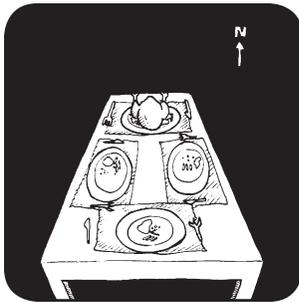4. Possible root causes of poor health could be poverty, which can come from civil war, capitalism, dictatorship governments, to name a few. If the bottom line in a capitalist system is profit, drug manufacturers will only produce profitable drugs, which aren't necessarily the ones people need.

5. 11/1223 = 0.009 which is almost 1%.

6.

Drugs Created for Tropical Diseases vs. Other Diseases

- Drugs for tropical diseases
- Drugs for other diseases

7. The market follows the money, so people with money are probably concerned with baldness. People with tuberculosis probably have a lot less money in general to spend on drugs to cure tuberculosis.

8. You could involve changing the laws to permit generic drugs to be sold for humanitarian reasons. You might suggest reducing the number of years a patent is valid.

9. Marketing. Profit.

10. 1.4 %

The Poverty of Distribution - Answers

Suggested Activity...

Use the following chart[384] to set up a simulation of a) protein distribution in the world or b) wealth distribution and then discuss. You could distribute the proportionate amount of bread or candy to represent protein and pennies to represent wealth.

Region	Area (%)	People (%)	Protein Distribution (%)	Wealth Distribution (%)
Africa	24	10	10	3
Asia	35	60	5	19
Europe	8	16	25	38
Latin and South America	17	8	15	5
North America	16	6	45	35

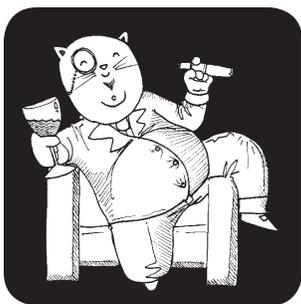384 Church Women United. "The Widening Gap". www.churchwomen.org.

Answers

Opening question:

The new technology may not be made for the place in which it is being introduced. Different climates can cause problems. When new technology breaks, how easy is it to get the replacement parts and the technical expertise required to have it fixed?

An interesting Canadian blunder happened when, in 1971, the Canadian government provided technical advice to the Tanzanian government to grow wheat. It turned out that the soil was too light (it blew away when ploughed), the rainfall necessary to grow the wheat was insufficient, and the local qulea-qulea birds (that of course do not call the Praries home), devoured the crops. John Stackhouse's book *Out of Poverty* (Vintage Canada, 200) has other interesting stories.

Understanding using math:

1.   For each one hour, 400 people die from hunger.

2.   If 'N' represents the number of people who have died from hunger and 'H' represents the number of hours, then N = 400H.

3.   H = 720 hours for a 30 day month so N = 288,000 people.

4.   38,356 per day, 1598 per hour and almost 27 per minute. Kids.

6.   To openly and aggressively publish this tragedy would mean that something would need to be done about it. It would take political and economic support.

7.a.   If your children may not live very long, larger families ensure support for the family- children will be able to go out and work to bring back money so the family can survive.

7.b.   Birthrates in both countries dropped significantly when people had access to healthcare and education and wealth was distributed more fairly.

Just Desserts - Answers

Suggested Activity...

Show part or all of the movie *The Take* by Avi Lewis and Naomi Klein, which is a documentary about how workers in South America take control of their factories and run businesses as cooperatives, without managers and CEOs.

Answers

Opening question:

In a capitalist free market economy, people are free to make as much money as they like, and when governments do not intervene, or intervene in minimal ways, a few people get very, very rich while many people struggle to get by.