

Name _____

Date _____

Scientific Notation Word Problems - Guided Lesson

Complete the following problems:

1) According to scientists, the Earth's mass is 5.98×10^{24} kilograms. The mass of the Sun is 1.989×10^{30} kilograms. How much greater is the mass of the Sun than the mass of the Earth?



2) Last year, we noticed that the population of Tamworth was 5.6×10^3 . The population of Liverpool was 1.3×10^4 . Which town had a larger population and by how much?

3) In Russia, the population was 290.9 million people in 2002. The total health care costs for the country at that time were \$ 1.7 trillion. Calculate the average amount spent per person on health care.

