Worksheet 9/13/2024

1) In 2023, the GDP of Italy is $2.328 trillion and its population is 58,850,000. Find the GDP per capita. Round your answer to 4 significant digits.

Find the absolute and relative errors in the following situations.

2) Your true height is 1.73 meters (5 feet 8 inches), but a nurse in your doctor's office measures your height as 1.76 meters.

3) The label on a bag of concrete says "60 pounds," but the true weight is only 58 pounds.

4) Your bike speedometer reads 26 miles per hour when you are actually traveling 24 miles per hour.

5) Your actual body temperature is 98.4°F, but your thermometer gives a reading of 97.9°F.