Worksheet 9/9/2024

Write each of the following numbers in scientific notation.

1. 9736.23

2. 3578

3. 0.0003005

4. 126,547

Convert each of the following numbers from scientific to ordinary notation. To each nonzero digit, write its place value.

5. 9×10^7

6. 1.23×10^8

7. 2.3×10^{-3}

8. 5.1×10^{-5}

10. Look up the Internet for the weight of a quarter (25 cent coin). Could an average person lift the weight of $200 in quarters?

11. The volume of a single M&M candy is about 0.60 cm^3. How many M&M candies can be put in a jar of cylindrical shape with base diameter 10 cm and height 20 cm?