

Show all work and express your answers in scientific notation.

1. Change 0.22 grams to kilograms.

2. 1.52 mm = _____ cm

3. 260,000 minutes = _____ days

4. A metal bar has a length of 6.0 cm, a width of 3.0 cm, and a height of 2.0 cm. What volume of water, in liters, would this bar displace?

5. Convert 0.0340 Mg to μg .

Bonus: Convert your height in inches to millimeters. (If you don't know your exact height, just guess! What's important is your method!)