

Unit Conversions

Make the following conversions, and write your answers using appropriate abbreviations. *Challenge: convert your answers to scientific notation.*

1) 5.1 meters to millimeters

$$\frac{5.1m}{1} \times \frac{1000mm}{1m} = 5,100mm$$
$$5,100mm = 5.1 \times 10^3 mm$$

[Click here for more help.](#)

6) 2.1 meters to centimeters

Show your work here.

[Click here for more help.](#)

2) 2000 microamperes to amperes

[Click here for more help.](#)

7) 3.4 grams to kilograms

[Click here for more help.](#)

3) 809 milligrams to grams

8) 0.2 Megaseconds to seconds

4) 123 picograms to grams

9) 23 gigameters to meters

5) 198 nanometers to meters

10) 1.34 dekagrams to grams