

Converting Between nm, μm , mm, and cm (C)

Name: _____

Date: _____

Score: _____ /10

Complete each conversion. Symbols for copying and pasting: $\times \div ^2 ^3$.

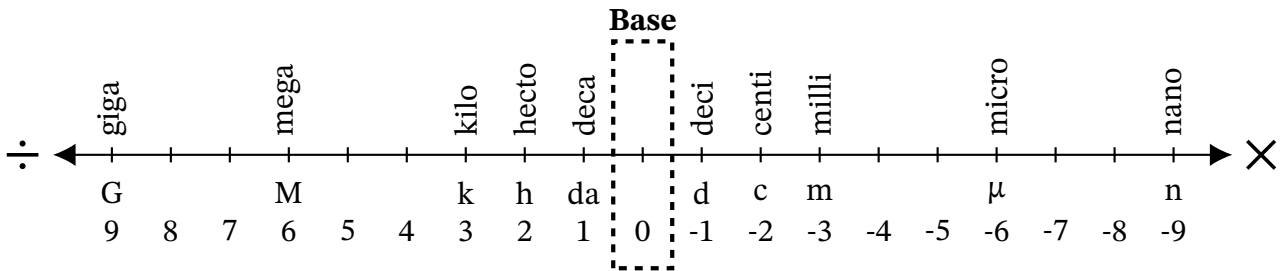


1. Convert 7.900.000 μm to mm
2. Convert 2.439.000 mm to cm
3. Convert 0,000000837 cm to nm
4. Convert 3.800.000.000 nm to cm
5. Convert 0,0000028 mm to nm
6. Convert 778,8 μm to nm
7. Convert 84,3 cm to mm
8. Convert 82.310.000.000 nm to mm
9. Convert 9.200.000 μm to cm
10. Convert 2,4 μm to nm

Converting Between nm, μm , mm, and cm (C) Answers

Name: _____ Date: _____ Score: _____ /10

Complete each conversion. Symbols for copying and pasting: $\times \div 2^3$.



1. Convert 7.900.000 μm to mm
 $7.900.000 \mu\text{m} \div 10 \div 10 \div 10 = 7900 \text{ mm}$
2. Convert 2.439.000 mm to cm
 $2.439.000 \text{ mm} \div 10 = 243.900 \text{ cm}$
3. Convert 0,000000837 cm to nm
 $0,000000837 \text{ cm} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 8,37 \text{ nm}$
4. Convert 3.800.000.000 nm to cm
 $3.800.000.000 \text{ nm} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 380 \text{ cm}$
5. Convert 0,0000028 mm to nm
 $0,0000028 \text{ mm} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 2,8 \text{ nm}$
6. Convert 778,8 μm to nm
 $778,8 \mu\text{m} \times 10 \times 10 \times 10 = 778.800 \text{ nm}$
7. Convert 84,3 cm to mm
 $84,3 \text{ cm} \times 10 = 843 \text{ mm}$
8. Convert 82.310.000.000 nm to mm
 $82.310.000.000 \text{ nm} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 82.310 \text{ mm}$
9. Convert 9.200.000 μm to cm
 $9.200.000 \mu\text{m} \div 10 \div 10 \div 10 \div 10 = 920 \text{ cm}$
10. Convert 2,4 μm to nm
 $2,4 \mu\text{m} \times 10 \times 10 \times 10 = 2400 \text{ nm}$