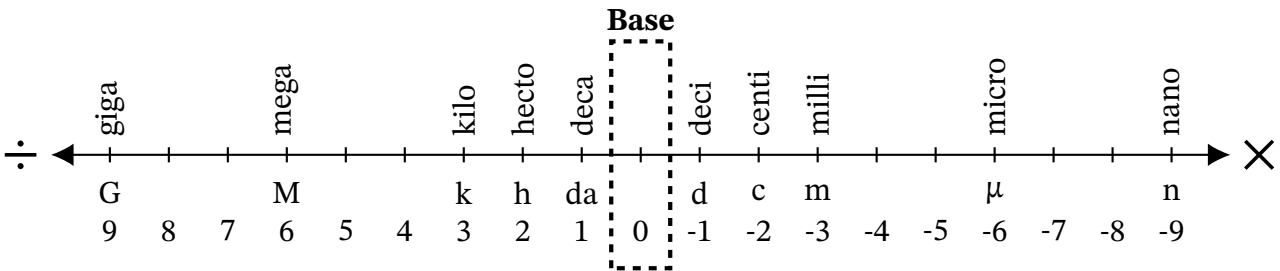


Converting Between nm, μm , mm, and cm (B)

Name: _____ Date: _____ Score: _____ /10

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



1. Convert 56,9 cm to mm
2. Convert 4,358 cm to μm
3. Convert 48 cm to mm
4. Convert 0,0009816 mm to nm
5. Convert 430 nm to μm
6. Convert 12.000.000 nm to cm
7. Convert 5.020.000.000 nm to mm
8. Convert 5.200.000 nm to cm
9. Convert 22.000 nm to μm
10. Convert 0,7371 mm to μm

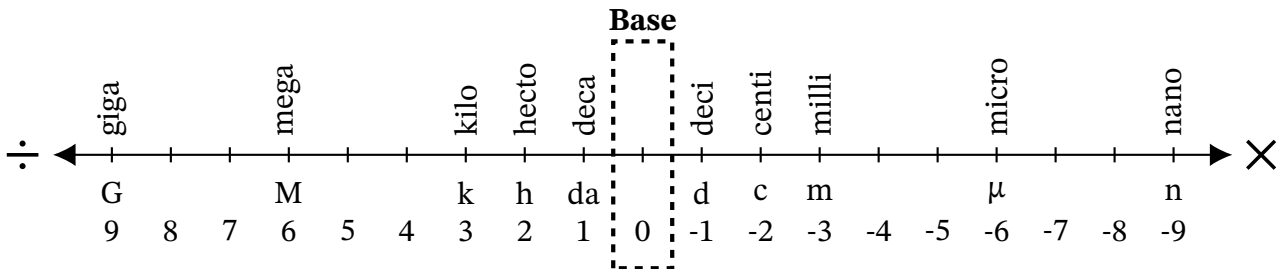
Converting Between nm, μm, mm, and cm (B) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 56,9 cm to mm

$$56,9 \text{ cm} \times 10 = 569 \text{ mm}$$

2. Convert 4,358 cm to μm

$$4,358 \text{ cm} \times 10 \times 10 \times 10 \times 10 = 43.580 \mu\text{m}$$

3. Convert 48 cm to mm

$$48 \text{ cm} \times 10 = 480 \text{ mm}$$

4. Convert 0,0009816 mm to nm

$$0,0009816 \text{ mm} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 981,6 \text{ nm}$$

5. Convert 430 nm to μm

$$430 \text{ nm} \div 10 \div 10 \div 10 = 0,43 \mu\text{m}$$

6. Convert 12.000.000 nm to cm

$$12.000.000 \text{ nm} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 1,2 \text{ cm}$$

7. Convert 5.020.000.000 nm to mm

$$5.020.000.000 \text{ nm} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 5020 \text{ mm}$$

8. Convert 5.200.000 nm to cm

$$5.200.000 \text{ nm} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 0,52 \text{ cm}$$

9. Convert 22.000 nm to μm

$$22.000 \text{ nm} \div 10 \div 10 \div 10 = 22 \mu\text{m}$$

10. Convert 0,7371 mm to μm

$$0,7371 \text{ mm} \times 10 \times 10 \times 10 = 737,1 \mu\text{m}$$