

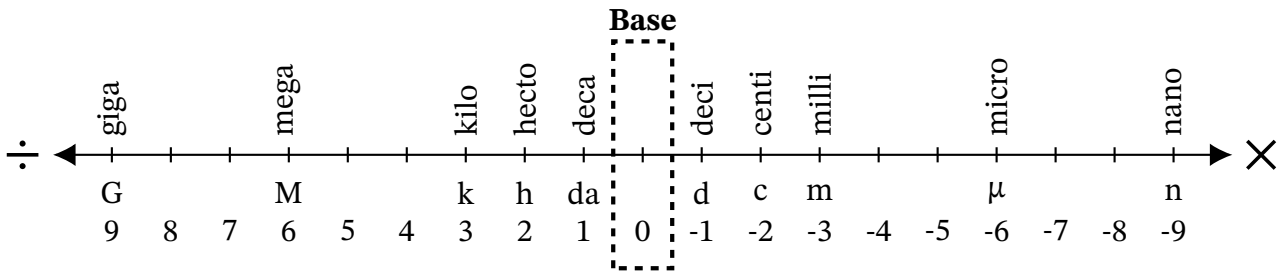
Converting Between nm, μm , mm, and cm (E)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0,000515 cm to μm
2. Convert 0,9743 μm to nm
3. Convert 49.550.000 μm to mm
4. Convert 94.900 mm to cm
5. Convert 0,0000465 mm to nm
6. Convert 3600 mm to cm
7. Convert 0,00046 mm to nm
8. Convert 710 nm to μm
9. Convert 0,005509 cm to nm
10. Convert 62.000.000 nm to cm

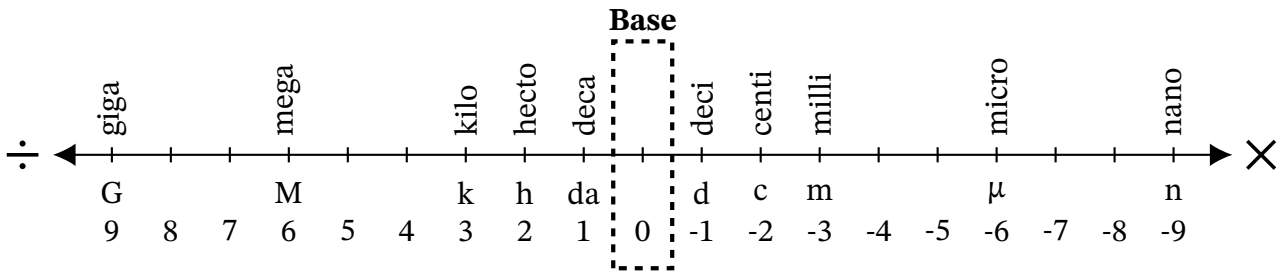
Converting Between nm, μm , mm, and cm (E) Answers

Name: _____

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



1. Convert 0,000515 cm to μm

$$0,000515 \text{ cm} \times 10 \times 10 \times 10 \times 10 = 5,15 \mu\text{m}$$

2. Convert 0,9743 μm to nm

$$0,9743 \mu\text{m} \times 10 \times 10 \times 10 = 974,3 \text{ nm}$$

3. Convert 49.550.000 μm to mm

$$49.550.000 \mu\text{m} \div 10 \div 10 \div 10 = 49.550 \text{ mm}$$

4. Convert 94.900 mm to cm

$$94.900 \text{ mm} \div 10 = 9490 \text{ cm}$$

5. Convert 0,0000465 mm to nm

$$0,0000465 \text{ mm} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 46,5 \text{ nm}$$

6. Convert 3600 mm to cm

$$3600 \text{ mm} \div 10 = 360 \text{ cm}$$

7. Convert 0,00046 mm to nm

$$0,00046 \text{ mm} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 460 \text{ nm}$$

8. Convert 710 nm to μm

$$710 \text{ nm} \div 10 \div 10 \div 10 = 0,71 \mu\text{m}$$

9. Convert 0,005509 cm to nm

$$0,005509 \text{ cm} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 55.090 \text{ nm}$$

10. Convert 62.000.000 nm to cm

$$62.000.000 \text{ nm} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 6,2 \text{ cm}$$