

# Converting Between nm, $\mu\text{m}$ , mm, and cm (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

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



1. Convert 0,036 cm to mm
2. Convert 0,124  $\mu\text{m}$  to nm
3. Convert 2300 nm to  $\mu\text{m}$
4. Convert 0,0578 cm to  $\mu\text{m}$
5. Convert 7.825.000.000 nm to cm
6. Convert 0,0005584 mm to nm
7. Convert 191.000  $\mu\text{m}$  to mm
8. Convert 63.700.000.000 nm to cm
9. Convert 0,00055 mm to nm
10. Convert 240 mm to cm

# Converting Between nm, $\mu\text{m}$ , mm, and cm (A) Answers

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



1. Convert 0,036 cm to mm

$$0,036 \text{ cm} \times 10 = 0,36 \text{ mm}$$

2. Convert 0,124  $\mu\text{m}$  to nm

$$0,124 \mu\text{m} \times 10 \times 10 \times 10 = 124 \text{ nm}$$

3. Convert 2300 nm to  $\mu\text{m}$

$$2300 \text{ nm} \div 10 \div 10 \div 10 = 2,3 \mu\text{m}$$

4. Convert 0,0578 cm to  $\mu\text{m}$

$$0,0578 \text{ cm} \times 10 \times 10 \times 10 \times 10 = 578 \mu\text{m}$$

5. Convert 7.825.000.000 nm to cm

$$7.825.000.000 \text{ nm} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 782,5 \text{ cm}$$

6. Convert 0,0005584 mm to nm

$$0,0005584 \text{ mm} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 558,4 \text{ nm}$$

7. Convert 191.000  $\mu\text{m}$  to mm

$$191.000 \mu\text{m} \div 10 \div 10 \div 10 = 191 \text{ mm}$$

8. Convert 63.700.000.000 nm to cm

$$63.700.000.000 \text{ nm} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 6370 \text{ cm}$$

9. Convert 0,00055 mm to nm

$$0,00055 \text{ mm} \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 = 550 \text{ nm}$$

10. Convert 240 mm to cm

$$240 \text{ mm} \div 10 = 24 \text{ cm}$$