

Unit Conversion Practice

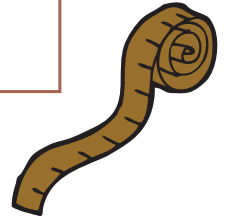


Metric Units of Length

$$1 \text{ cm} = 10 \text{ mm}$$

$$1 \text{ m} = 100 \text{ cm}$$

$$1 \text{ km} = 1,000 \text{ m}$$



The table to the right shows the relationships between common metric units of length. Use the information in the table to help you solve the problems in parts 1 and 2 below.

Part 1. Convert the following measurements.

1. 60 cm = _____ mm
2. 5.2 km = _____ m
3. 42 m = _____ cm
4. 2,800 m = _____ km
5. 800 cm = _____ m
6. 9,500 cm = _____ m
7. 16 km = _____ m
8. 830 mm = _____ cm
9. 3.6 m = _____ cm
10. 21 mm = _____ cm
11. 16.5 km = _____ m
12. 188 cm = _____ m
13. 8,920 m = _____ km
14. 35.8 cm = _____ mm

Part 2. Compare the following measurements using $>$, $<$, or $=$.

1. 9,900 cm 99 m
2. 4,000 mm 40 cm
3. 4,110 m 41 km
4. 2.4 km 2,400 m
5. 3.51 m 35.1 cm
6. 34.3 cm 3,430 mm
7. 2,341 m 2.4 km
8. 72 km 72,000 m
9. 685 m 68,500 cm
10. 12,300 cm 12.3 m