

Converting Between mm, cm, m and km (E)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.0023 km to m
2. Convert 1 860 000 000 mm to km
3. Convert 609 000 cm to km
4. Convert 408.9 cm to mm
5. Convert 0.00084 m to mm
6. Convert 42 790 mm to cm
7. Convert 1900 cm to m
8. Convert 6875 m to cm
9. Convert 5 950 000 mm to km
10. Convert 9.627 m to mm

Converting Between mm, cm, m and km (E) Answers

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1. Convert 0.0023 km to m

$$0.0023 \text{ km} \times 10 \times 10 \times 10 = 2.3 \text{ m}$$

2. Convert 1 860 000 000 mm to km

$$1\,860\,000\,000 \text{ mm} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 1860 \text{ km}$$

3. Convert 609 000 cm to km

$$609\,000 \text{ cm} \div 10 \div 10 \div 10 \div 10 \div 10 = 6.09 \text{ km}$$

4. Convert 408.9 cm to mm

$$408.9 \text{ cm} \times 10 = 4089 \text{ mm}$$

5. Convert 0.00084 m to mm

$$0.00084 \text{ m} \times 10 \times 10 \times 10 = 0.84 \text{ mm}$$

6. Convert 42 790 mm to cm

$$42\,790 \text{ mm} \div 10 = 4279 \text{ cm}$$

7. Convert 1900 cm to m

$$1900 \text{ cm} \div 10 \div 10 = 19 \text{ m}$$

8. Convert 6875 m to cm

$$6875 \text{ m} \times 10 \times 10 = 687\,500 \text{ cm}$$

9. Convert 5 950 000 mm to km

$$5\,950\,000 \text{ mm} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 5.95 \text{ km}$$

10. Convert 9.627 m to mm

$$9.627 \text{ m} \times 10 \times 10 \times 10 = 9627 \text{ mm}$$