

Converting Between m and mm (E)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 0.03874 m to mm
2. Convert 0.0977 m to mm
3. Convert 9 870 000 mm to m
4. Convert 830 mm to m
5. Convert 73.58 m to mm
6. Convert 82.51 m to mm
7. Convert 1.49 m to mm
8. Convert 87 570 mm to m
9. Convert 284 000 mm to m
10. Convert 24 500 mm to m

Converting Between m and mm (E) Answers

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



1. Convert 0.03874 m to mm

$$0.03874 \text{ m} \times 10 \times 10 \times 10 = 38.74 \text{ mm}$$

2. Convert 0.0977 m to mm

$$0.0977 \text{ m} \times 10 \times 10 \times 10 = 97.7 \text{ mm}$$

3. Convert 9 870 000 mm to m

$$9\,870\,000 \text{ mm} \div 10 \div 10 \div 10 = 9870 \text{ m}$$

4. Convert 830 mm to m

$$830 \text{ mm} \div 10 \div 10 \div 10 = 0.83 \text{ m}$$

5. Convert 73.58 m to mm

$$73.58 \text{ m} \times 10 \times 10 \times 10 = 73\,580 \text{ mm}$$

6. Convert 82.51 m to mm

$$82.51 \text{ m} \times 10 \times 10 \times 10 = 82\,510 \text{ mm}$$

7. Convert 1.49 m to mm

$$1.49 \text{ m} \times 10 \times 10 \times 10 = 1490 \text{ mm}$$

8. Convert 87 570 mm to m

$$87\,570 \text{ mm} \div 10 \div 10 \div 10 = 87.57 \text{ m}$$

9. Convert 284 000 mm to m

$$284\,000 \text{ mm} \div 10 \div 10 \div 10 = 284 \text{ m}$$

10. Convert 24 500 mm to m

$$24\,500 \text{ mm} \div 10 \div 10 \div 10 = 24.5 \text{ m}$$