

## 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 6.849 m to mm
2. Convert 32,430,000 m to km
3. Convert 51.74 cm to mm
4. Convert 3,180,000,000 cm to km
5. Convert 0.0518 m to mm
6. Convert 666 cm to m
7. Convert 39,960,000 mm to km
8. Convert 80.81 km to m
9. Convert 257,500 cm to m
10. Convert 9.73 cm to mm

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

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1. Convert 6.849 m to mm

$$6.849 \text{ m} \times 10 \times 10 \times 10 = 6849 \text{ mm}$$

2. Convert 32,430,000 m to km

$$32,430,000 \text{ m} \div 10 \div 10 \div 10 = 32,430 \text{ km}$$

3. Convert 51.74 cm to mm

$$51.74 \text{ cm} \times 10 = 517.4 \text{ mm}$$

4. Convert 3,180,000,000 cm to km

$$3,180,000,000 \text{ cm} \div 10 \div 10 \div 10 \div 10 \div 10 = 31,800 \text{ km}$$

5. Convert 0.0518 m to mm

$$0.0518 \text{ m} \times 10 \times 10 \times 10 = 51.8 \text{ mm}$$

6. Convert 666 cm to m

$$666 \text{ cm} \div 10 \div 10 = 6.66 \text{ m}$$

7. Convert 39,960,000 mm to km

$$39,960,000 \text{ mm} \div 10 \div 10 \div 10 \div 10 \div 10 \div 10 = 39.96 \text{ km}$$

8. Convert 80.81 km to m

$$80.81 \text{ km} \times 10 \times 10 \times 10 = 80,810 \text{ m}$$

9. Convert 257,500 cm to m

$$257,500 \text{ cm} \div 10 \div 10 = 2575 \text{ m}$$

10. Convert 9.73 cm to mm

$$9.73 \text{ cm} \times 10 = 97.3 \text{ mm}$$