

Mathematics

Measurement – Conversion of Units (cm to mm)

If you look at your ruler, you will notice that 1 cm is equal to 10 mm.

This means that for every 1 cm, there are 10 mm.

For example:

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

$$2 \text{ cm} = 20 \text{ mm}$$

$$39 \text{ cm} = 390 \text{ mm}$$

$$56 \text{ cm} = 560 \text{ mm}$$

Have you noticed a pattern?

To convert cm to mm, just multiply by 10.

Example 1: 3 cm = ____ mm

$$3 \times 10 = 30 \quad \therefore 3 \text{ cm} = 30 \text{ mm}$$

Example 2: 4.9 cm = ____ mm

$$4.9 \times 10 = 49 \quad \therefore 4.9 \text{ cm} = 49 \text{ mm}$$

Use your rulers to verify these answers.

DIRECTIONS: Convert these measurements from cm to mm:

1. 7 cm = _____ mm
2. 13.5 cm = _____ mm
3. 62 cm = _____ mm
4. 48.1 cm = _____ mm
5. 9 cm = _____ mm
6. 27.6 cm = _____ mm
7. 34.9 cm = _____ mm
8. 12 cm = _____ mm
9. 8.4 cm = _____ mm
10. 287 cm = _____ mm

Remember: 1 cm = 10 mm