

Converting Between m and cm (B)

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 181 300 mm to m
2. Convert 970 cm to m
3. Convert 85 120 mm to cm
4. Convert 0.08446 m to mm
5. Convert 75 100 cm to m
6. Convert 7.83 cm to mm
7. Convert 18 cm to mm
8. Convert 0.00618 m to mm
9. Convert 8300 mm to cm
10. Convert 744.3 m to cm

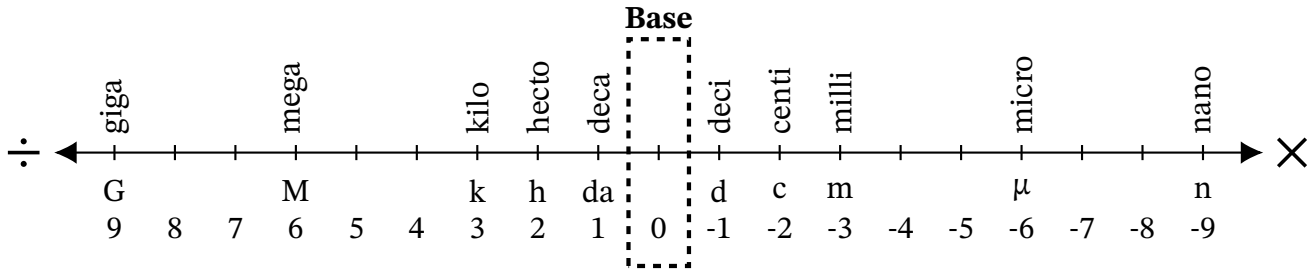
Converting Between m and cm (B) Answers

Name: _____

Date: _____

Score: _____ /10

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



1. Convert 181 300 mm to m

$$181\,300\text{ mm} \div 10 \div 10 \div 10 = 181.3\text{ m}$$

2. Convert 970 cm to m

$$970\text{ cm} \div 10 \div 10 = 9.7\text{ m}$$

3. Convert 85 120 mm to cm

$$85\,120\text{ mm} \div 10 = 8512\text{ cm}$$

4. Convert 0.08446 m to mm

$$0.08446\text{ m} \times 10 \times 10 \times 10 = 84.46\text{ mm}$$

5. Convert 75 100 cm to m

$$75\,100\text{ cm} \div 10 \div 10 = 751\text{ m}$$

6. Convert 7.83 cm to mm

$$7.83\text{ cm} \times 10 = 78.3\text{ mm}$$

7. Convert 18 cm to mm

$$18\text{ cm} \times 10 = 180\text{ mm}$$

8. Convert 0.00618 m to mm

$$0.00618\text{ m} \times 10 \times 10 \times 10 = 6.18\text{ mm}$$

9. Convert 8300 mm to cm

$$8300\text{ mm} \div 10 = 830\text{ cm}$$

10. Convert 744.3 m to cm

$$744.3\text{ m} \times 10 \times 10 = 74\,430\text{ cm}$$