

Name : \_\_\_\_\_

Score : \_\_\_\_\_

**Metric Unit Conversion - Length**

Meter/Centimeter: T1S1

Example 1 : 298 cm = \_\_\_\_\_ m

**100 cm = 1 m**

$$298 \text{ cm} = \frac{298}{100}$$
$$= \mathbf{2.98 \text{ m}}$$

Example 2 : 2.98 m = \_\_\_\_\_ cm

**1 m = 100 cm**

$$2.98 \text{ m} = 2.98 \times 100$$
$$= \mathbf{298 \text{ cm}}$$

Convert the following centimeters (cm) to meters (m).

1) 9200 cm = _____ m	2) 4620 cm = _____ m
3) 6426 cm = _____ m	4) 2130 cm = _____ m
5) 7718 cm = _____ m	6) 976 cm = _____ m
7) 3580 cm = _____ m	8) 5800 cm = _____ m

Convert the following meters (m) to centimeters (cm).

9) 83.6 m = _____ cm	10) 17.45 m = _____ cm
11) 79.21 m = _____ cm	12) 28.64 m = _____ cm
13) 87.9 m = _____ cm	14) 3 m = _____ cm
15) 3.49 m = _____ cm	16) 25.3 m = _____ cm

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Meter/Centimeter: T1S1

Example 1 : 298 cm = \_\_\_\_\_ m

**100 cm = 1 m**

$$298 \text{ cm} = \frac{298}{100}$$

**= 2.98 m**

Example 2 : 2.98 m = \_\_\_\_\_ cm

**1 m = 100 cm**

$$2.98 \text{ m} = 2.98 \times 100$$

**= 298 cm**

Convert the following centimeters (cm) to meters (m).

1) 9200 cm = <u>  <b>92</b>  </u> m	2) 4620 cm = <u>  <b>46.2</b>  </u> m
3) 6426 cm = <u>  <b>64.26</b>  </u> m	4) 2130 cm = <u>  <b>21.3</b>  </u> m
5) 7718 cm = <u>  <b>77.18</b>  </u> m	6) 976 cm = <u>  <b>9.76</b>  </u> m
7) 3580 cm = <u>  <b>35.8</b>  </u> m	8) 5800 cm = <u>  <b>58</b>  </u> m

Convert the following meters (m) to centimeters (cm).

9) 83.6 m = <u>  <b>8360</b>  </u> cm	10) 17.45 m = <u>  <b>1745</b>  </u> cm
11) 79.21 m = <u>  <b>7921</b>  </u> cm	12) 28.64 m = <u>  <b>2864</b>  </u> cm
13) 87.9 m = <u>  <b>8790</b>  </u> cm	14) 3 m = <u>  <b>300</b>  </u> cm
15) 3.49 m = <u>  <b>349</b>  </u> cm	16) 25.3 m = <u>  <b>2530</b>  </u> cm