

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

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

**Metric Unit Conversion - Length**

Centimeter/Millimeter: T1S1

Example 1 : 23.5 cm = \_\_\_\_\_ mm

**1 cm = 10 mm**

23.5 cm =  $23.5 \times 10$

**= 235 mm**

Example 2 : 235 mm = \_\_\_\_\_ cm

**10 mm = 1 cm**

235 mm =  $\frac{235}{10}$

**= 23.5 cm**

Convert the following centimeters (cm) to millimeters (mm).

1) 51.5 cm = _____ mm	2) 23.32 cm = _____ mm
3) 41 cm = _____ mm	4) 77 cm = _____ mm
5) 96.6 cm = _____ mm	6) 13.74 cm = _____ mm
7) 8.26 cm = _____ mm	8) 62.2 cm = _____ mm

Convert the following millimeters (mm) to centimeters (cm).

9) 890 mm = _____ cm	10) 482.1 mm = _____ cm
11) 41.2 mm = _____ cm	12) 364 mm = _____ cm
13) 838 mm = _____ cm	14) 91.23 mm = _____ cm
15) 637 mm = _____ cm	16) 212.2 mm = _____ cm

**Metric Unit Conversion - Length**

Example 1 : 23.5 cm = \_\_\_\_\_ mm

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

$$23.5 \text{ cm} = 23.5 \times 10$$

$$= \mathbf{235 \text{ mm}}$$

Example 2 : 235 mm = \_\_\_\_\_ cm

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

$$235 \text{ mm} = \frac{235}{10}$$

$$= \mathbf{23.5 \text{ cm}}$$

Convert the following centimeters (cm) to millimeters (mm).

1) 51.5 cm = <u>  <b>515</b>  </u> mm	2) 23.32 cm = <u>  <b>233.2</b>  </u> mm
3) 41 cm = <u>  <b>410</b>  </u> mm	4) 77 cm = <u>  <b>770</b>  </u> mm
5) 96.6 cm = <u>  <b>966</b>  </u> mm	6) 13.74 cm = <u>  <b>137.4</b>  </u> mm
7) 8.26 cm = <u>  <b>82.6</b>  </u> mm	8) 62.2 cm = <u>  <b>622</b>  </u> mm

Convert the following millimeters (mm) to centimeters (cm).

9) 890 mm = <u>  <b>89</b>  </u> cm	10) 482.1 mm = <u>  <b>48.21</b>  </u> cm
11) 41.2 mm = <u>  <b>4.12</b>  </u> cm	12) 364 mm = <u>  <b>36.4</b>  </u> cm
13) 838 mm = <u>  <b>83.8</b>  </u> cm	14) 91.23 mm = <u>  <b>9.123</b>  </u> cm
15) 637 mm = <u>  <b>63.7</b>  </u> cm	16) 212.2 mm = <u>  <b>21.22</b>  </u> cm