



# CUSTOMARY TO METRIC UNIT CONVERSION

Name \_\_\_\_\_

Score \_\_\_\_\_

ML:61

Example:

Convert 4 yards into centimeters.  
 $= 4 \text{ yd} \times 3 \text{ ft} \times 12 \text{ in} \times 2.54 \text{ cm}$   
 **$= 365.76 \text{ cm}$**

$$1 \text{ yd} = 3 \text{ ft}$$

$$1 \text{ ft} = 12 \text{ in}$$

$$1 \text{ in} = 2.54 \text{ cm}$$

1) 20 yards into meters

5) 1 yard into centimeters

2) 11 feet into centimeters

6) 3 inches into millimeters

3) 7 inches into centimeters

7) 15 feet into centimeters

4) 16 yards into kilometers

8) 40 feet into meters



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## Answer key

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Example:

Convert 4 yards into centimeters.

$$= 4 \text{ yd} \times 3 \text{ ft} \times 12 \text{ in} \times 2.54 \text{ cm}$$

$$= \mathbf{365.76 \text{ cm}}$$

$$1 \text{ yd} = 3 \text{ ft}$$

$$1 \text{ ft} = 12 \text{ in}$$

$$1 \text{ in} = 2.54 \text{ cm}$$

1) 20 yards into meters

$$= \mathbf{18.288 \text{ m}}$$

5) 1 yard into centimeters

$$= \mathbf{91.44 \text{ cm}}$$

2) 11 feet into centimeters

$$= \mathbf{335.28 \text{ cm}}$$

6) 3 inches into millimeters

$$= \mathbf{76.2 \text{ mm}}$$

3) 7 inches into centimeters

$$= \mathbf{17.78 \text{ cm}}$$

7) 15 feet into centimeters

$$= \mathbf{457.2 \text{ cm}}$$

4) 16 yards into kilometers

$$= \mathbf{0.0146 \text{ km}}$$

8) 40 feet into meters

$$= \mathbf{12.19 \text{ m}}$$