



CUSTOMARY TO METRIC UNIT CONVERSION

Name _____

Score _____

ML:62

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) 18 feet into meters

5) 23 feet into centimeters

2) 30 yards into centimeters

6) 13 feet into meters

3) 70 feet into meters

7) 9 yards into kilometers

4) 8 inches into centimeters

8) 50 yards into centimeters



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Answer key

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

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

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

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

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

1) 18 feet into meters

$$= \mathbf{5.486 \text{ m}}$$

5) 23 feet into centimeters

$$= \mathbf{701.04 \text{ cm}}$$

2) 30 yards into centimeters

$$= \mathbf{2743.2 \text{ cm}}$$

6) 13 feet into meters

$$= \mathbf{3.962 \text{ m}}$$

3) 70 feet into meters

$$= \mathbf{21.34 \text{ m}}$$

7) 9 yards into kilometers

$$= \mathbf{0.0082 \text{ km}}$$

4) 8 inches into centimeters

$$= \mathbf{20.32 \text{ cm}}$$

8) 50 yards into centimeters

$$= \mathbf{4572 \text{ cm}}$$