

## Converting U.S. and Metric Lengths (C)

Convert each length to the unit indicated.

$$1 \text{ centimeter} = 0.394 \text{ inches}$$

$$1 \text{ foot} = 30.48 \text{ centimeters}$$

$$1 \text{ meter} = 1.094 \text{ yards}$$

$$1 \text{ mile} = 1.609 \text{ kilometers}$$

$$1 \text{ foot} = 0.000305 \text{ kilometers}$$

$$1 \text{ inch} = 2.54 \text{ centimeters}$$

$$1 \text{ meter} = 3.281 \text{ feet}$$

$$1 \text{ yard} = 0.914 \text{ meters}$$

$$1 \text{ meter} = 0.000621 \text{ miles}$$

$$1 \text{ kilometer} = 3280.84 \text{ feet}$$

$$1 \text{ centimeter} = 0.0328 \text{ feet}$$

$$1 \text{ foot} = 0.3048 \text{ meters}$$

$$1 \text{ kilometer} = 0.621 \text{ miles}$$

$$1 \text{ mile} = 1609.34 \text{ meters}$$

1. How many kilometers are in 26,044 feet?
2. How many feet are in 3 meters?
3. How many centimeters are in 5 feet?
4. How many meters are in 8 miles?
5. How many centimeters are in 1 inch?
6. How many yards are in 9 meters?
7. How many miles are in 5274 meters?
8. How many kilometers are in 7 miles?
9. How many feet are in 2 kilometers?
10. How many meters are in 13 feet?

## Converting U.S. and Metric Lengths (C) Answers

Convert each length to the unit indicated.

$$1 \text{ centimeter} = 0.394 \text{ inches}$$

$$1 \text{ foot} = 30.48 \text{ centimeters}$$

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$$1 \text{ centimeter} = 0.0328 \text{ feet}$$

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$$1 \text{ kilometer} = 0.621 \text{ miles}$$

$$1 \text{ mile} = 1609.34 \text{ meters}$$

1. How many kilometers are in 26,044 feet?

7.94342 kilometers

2. How many feet are in 3 meters?

9.843 feet

3. How many centimeters are in 5 feet?

152.4 centimeters

4. How many meters are in 8 miles?

12,874.72 meters

5. How many centimeters are in 1 inch?

2.54 centimeters

6. How many yards are in 9 meters?

9.846 yards

7. How many miles are in 5274 meters?

3.275154 miles

8. How many kilometers are in 7 miles?

11.263 kilometers

9. How many feet are in 2 kilometers?

6561.68 feet

10. How many meters are in 13 feet?

3.9624 meters