

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

Convert each length to the unit indicated.

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

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

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

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

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

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

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

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

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

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

1. How many feet are in 10 meters?
2. How many yards are in 5 meters?
3. How many miles are in 7 kilometers?
4. How many meters are in 20 feet?
5. How many inches are in 1 centimeter?
6. How many feet are in 249 centimeters?
7. How many centimeters are in 6 inches?
8. How many meters are in 8 yards?
9. How many kilometers are in 4 miles?
10. How many centimeters are in 3 feet?

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

Convert each length to the unit indicated.

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

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

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

1. How many feet are in 10 meters?

32.81 feet

2. How many yards are in 5 meters?

5.47 yards

3. How many miles are in 7 kilometers?

4.347 miles

4. How many meters are in 20 feet?

6.096 meters

5. How many inches are in 1 centimeter?

0.394 inches

6. How many feet are in 249 centimeters?

8.1672 feet

7. How many centimeters are in 6 inches?

15.24 centimeters

8. How many meters are in 8 yards?

7.312 meters

9. How many kilometers are in 4 miles?

6.436 kilometers

10. How many centimeters are in 3 feet?

91.44 centimeters