

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

Convert each length to the unit indicated.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- How many yards are in 7 meters?
- How many inches are in 4 centimeters?
- How many meters are in 26 feet?
- How many feet are in 8 kilometers?
- How many centimeters are in 5 feet?
- How many kilometers are in 2152 feet?
- How many miles are in 9 kilometers?
- How many feet are in 198 centimeters?
- How many feet are in 2 meters?
- How many centimeters are in 3 inches?

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

Convert each length to the unit indicated.

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

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

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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 yards are in 7 meters?

7.658 yards

2. How many inches are in 4 centimeters?

1.576 inches

3. How many meters are in 26 feet?

7.9248 meters

4. How many feet are in 8 kilometers?

26,246.72 feet

5. How many centimeters are in 5 feet?

152.4 centimeters

6. How many kilometers are in 2152 feet?

0.65636 kilometers

7. How many miles are in 9 kilometers?

5.589 miles

8. How many feet are in 198 centimeters?

6.4944 feet

9. How many feet are in 2 meters?

6.562 feet

10. How many centimeters are in 3 inches?

7.62 centimeters