

Converting U.S. and Metric Lengths (B)

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 inches are in 7 centimeters?

2. How many miles are in 4 kilometers?

3. How many feet are in 26 centimeters?

4. How many feet are in 9 meters?

5. How many meters are in 21 feet?

6. How many yards are in 8 meters?

7. How many centimeters are in 1 foot?

8. How many kilometers are in 5 miles?

9. How many meters are in 3 yards?

10. How many centimeters are in 2 inches?

Converting U.S. and Metric Lengths (B) Answers

Convert each length to the unit indicated.

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

1. How many inches are in 7 centimeters?

2.758 inches

2. How many miles are in 4 kilometers?

2.484 miles

3. How many feet are in 26 centimeters?

0.8528 feet

4. How many feet are in 9 meters?

29.529 feet

5. How many meters are in 21 feet?

6.4008 meters

6. How many yards are in 8 meters?

8.752 yards

7. How many centimeters are in 1 foot?

30.48 centimeters

8. How many kilometers are in 5 miles?

8.045 kilometers

9. How many meters are in 3 yards?

2.742 meters

10. How many centimeters are in 2 inches?

5.08 centimeters