

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

Convert each length to the unit indicated.

1 centimeter = 0.394 inches  
1 foot = 30.48 centimeters  
1 meter = 1.094 yards  
1 mile = 1.609 kilometers  
1 foot = 0.000305 kilometers

1 inch = 2.54 centimeters  
1 meter = 3.281 feet  
1 yard = 0.914 meters  
1 meter = 0.000621 miles  
1 kilometer = 3280.84 feet

1 centimeter = 0.0328 feet  
1 foot = 0.3048 meters  
1 kilometer = 0.621 miles  
1 mile = 1609.34 meters

1. How many miles are in 1 kilometer?

2. How many meters are in 10 yards?

3. How many inches are in 8 centimeters?

4. How many kilometers are in 16,658 feet?

5. How many centimeters are in 6 inches?

6. How many centimeters are in 9 feet?

7. How many feet are in 5 kilometers?

8. How many meters are in 2 miles?

9. How many kilometers are in 7 miles?

10. How many feet are in 105 centimeters?

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

Convert each length to the unit indicated.

1 centimeter = 0.394 inches  
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1 mile = 1.609 kilometers  
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1 inch = 2.54 centimeters  
1 meter = 3.281 feet  
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1 centimeter = 0.0328 feet  
1 foot = 0.3048 meters  
1 kilometer = 0.621 miles  
1 mile = 1609.34 meters

1. How many miles are in 1 kilometer?

0.621 miles

2. How many meters are in 10 yards?

9.14 meters

3. How many inches are in 8 centimeters?

3.152 inches

4. How many kilometers are in 16,658 feet?

5.08069 kilometers

5. How many centimeters are in 6 inches?

15.24 centimeters

6. How many centimeters are in 9 feet?

274.32 centimeters

7. How many feet are in 5 kilometers?

16,404.2 feet

8. How many meters are in 2 miles?

3218.68 meters

9. How many kilometers are in 7 miles?

11.263 kilometers

10. How many feet are in 105 centimeters?

3.444 feet