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

Convert each length to the unit indicated.

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1 centimeter = 0.394 inches }\quad1\mathrm{ inch =2.54 centimeters }\quad1\mathrm{ centimeter = 0.0328 feet
1 foot = 30.48 centimeters }\quad1\mathrm{ meter = 3.281 feet 
1 foot = 30.48 centimeters }\quad1.0\mathrm{ meter = 3.281 feet 
1 mile = 1.609 kilometers }\quad1\mathrm{ meter = 0.000621 miles }\quad1\mathrm{ mile }=1609.34\mathrm{ meters
1 foot = 0.000305 kilometers }\quad1\mathrm{ kilometer = 3280.84 feet
1 foot = 0.3048 meters
1 kilometer = 0.621 miles
```

2. How many centimeters are in 7 feet?
3. How many meters are in 2 yards?
4. How many feet are in 218 centimeters?
5. How many meters are in 5 miles?
6. How many kilometers are in 16,118 feet?
7. How many kilometers are in 10 miles?
8. How many inches are in 3 centimeters?
9. How many feet are in 9 kilometers?
10. How many yards are in 8 meters?
11. How many feet are in 1 meter?
