

36. How to convert between metric and imperial units of length



Practice Questions: Round answers to 1 decimal place

1. If 1 inch is equal to 2.5 centimeters, how many inches are in 30 centimeters?

2. Given that 1 foot is equal to 0.30 meters, how many feet are in 3 meters?

3. If 1 yard is equivalent to 0.9 meters, how many yards are in 5 meters?

4. Given that 1 mile equals 1.6 kilometers, how many kilometers are in 10 miles?

5. If 1 centimetre is equal to 0.4 inches, how many centimeters are in 12 inches?

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Practice Questions: Round answers to 1 decimal place

6. Given that 1 meter is equivalent to 40 inches, how many meters are in 65 inches?

7. If 1 kilometre is equal to 0.6 miles, how many kilometers are in 8 miles?

8. Given that 1 yard is equal to 90 centimeters, how many yards are in 120 centimeters?

9. If 1 inch is equal to 25 millimeters, how many inches are in 50 millimeters?

10. Given that 1 meter is equivalent to 3.3 feet, how many meters are in 15 feet?

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Practice Questions: **Answers**

1. If 1 inch is equal to 2.5 centimeters, how many inches are in 30 centimeters?

1. 12 inches

2. Given that 1 foot is equal to 0.30 meters, how many feet are in 3 meters?

2. 10 feet

3. If 1 yard is equivalent to 0.9 meters, how many yards are in 5 meters?

3. 5.6 yards

4. Given that 1 mile equals 1.6 kilometers, how many kilometers are in 10 miles?

4. 16 kilometers

5. If 1 centimetre is equal to 0.4 inches, how many centimeters are in 12 inches?

5. 30 centimeters

6. Given that 1 meter is equivalent to 40 inches, how many meters are in 65 inches?

6. 1.6 meters

7. If 1 kilometre is equal to 0.6 miles, how many kilometers are in 8 miles?

7. 13.3 kilometers

8. Given that 1 yard is equal to 90 centimeters, how many yards are in 120 centimeters?

8. 1.33 yards

9. If 1 inch is equal to 25 millimeters, how many inches are in 50 millimeters?

9. 2 inches

10. Given that 1 meter is equivalent to 3.3 feet, how many meters are in 15 feet?

10. 4.5 meters