

Subject: Mathematics

Class: 5

Topic: Conversion of Length, Mass and Capacity

Levels: Basic, Intermediate, Advanced

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### Level: Basic

1. Convert 5 km into metres (m). [Hint: 1 km = 1000 m] ?
2. A silk Sari is 6 m long. How many centimetres (cm) is its length? ?
3. Anish bought 3 kg of potatoes. Convert this weight into grams (g). ?
4. A bottle of mango juice contains 2 litres (L). How many millilitres (ml) is that? ?
5. Convert 8000 m into kilometres (km). ?
6. Change 450 cm into metres and centimetres: \_\_\_\_ m \_\_\_\_ cm. ?
7. If a pencil is 15 cm long, what is its length in millimetres (mm)? [1 cm = 10 mm] ?
8. Convert 7000 g into kilograms (kg). ?
9. A small cup holds 250 ml of milk. How many such cups make 1 L? \_\_\_\_\_
10. The height of a door is 2 m. Convert this to mm. [1 m = 1000 mm] <sup>2</sup>

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### Level: Intermediate

1. Rahul travels 4 km 250 m to school. What is the total distance in metres? ?
2. A bag of rice weighs 5 kg 500 g. Convert the entire weight into grams. ?
3. Sunita's water bottle has 1 L 750 ml of water. Express this in millilitres (ml). ?
4. Add 15 kg 200 g and 4 kg 800 g. Give the answer in kg. ?
5. A tailor uses 2 m 40 cm of cloth for a shirt. How many cm of cloth is needed? ?
6. Subtract 3 L 500 ml from 10 L. How much capacity is left? ?
7. Convert 12500 g into kg and g: \_\_\_\_ kg \_\_\_\_ g. ?
8. If 1 packet of Samosas weighs 500 g, what is the weight of 4 packets in kg? \_\_\_\_\_
9. A cricket pitch is about 2012 cm long. Convert this to m and cm. <sup>2</sup>
10. Convert the radius of a circle ? = 7 cm into mm. ?

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### Level: Advanced

1. A truck is carrying 4500 kg of wheat. How many tonnes is this? [1000 kg = 1 tonne] ?
2. A petrol tank has 45 L 500 ml of fuel. If 12 L 750 ml is used, find the balance in ml. ?
3. Amit needs to run 5 km. He has finished 3200 m. How many km are left to run? ?
4. The distance between two Indian cities is 450 km. How many metres is this? ?
5. A bucket holds 15 L of water. How many 300 ml mugs are needed to fill it? ?
6. Find the total mass: 2 kg + 500 g + 750 g + 1 kg. Express in kg and g. ?
7. A wire is 12 m long. If it is cut into 8 equal pieces, what is the length of each in cm? ?
8. If 1 L of Ghee costs ₹600, what is the cost of 250 ml? (Logical conversion) \_\_\_\_\_
9. Convert the area unit: If a square is 1 m by 1 m, its area is 1 m<sup>2</sup>. How many cm<sup>2</sup> is this? <sup>2</sup>
10. Calculate: (5 km 400 m ÷ 9). Give the answer in metres. ?