**Metric and Imperial Equivalents**

(Q1) About how many km are these?

5 miles ≈ 8 km

1 foot ≈ 30 cm

1 inch ≈ 2.5 cm

1. 5 miles (b) 10 miles (c) 25 miles

(Q2) About how many miles are these?

1. 16 km (b) 32 km (c) 64 km

(Q3) Sarah’s aunt lives 30 miles south of Manchester.

About how many km from Manchester does she live?

(Q4) I want to buy 150 feet of garden hose, but it is sold in metres.

How many metres must I buy? (Remember 1 m = 100 cm)

(Q5) Convert the following to centimetres.

1. 4 inches (b) 10 inches (c) 8 inches (d) 20 inches

(e) 2 feet (f) 5 feet (g) 6 feet (h) 10 feet

(Q6) About how many pounds are these?

1. 3 kg (b) 4 kg (c) 12 kg (d) 4.5 kg

(Q7) About how many kg are these?

1. 2.2 pounds (b) 6.6 pounds (c) 11 pounds (d) 22 pounds

(Q8) Lucy’s dog weighed 44 kg. The vet said it had to lose at least 5 kg.

Lucy’s scales only weighed in pounds. About how many pounds does the dog have to lose?

1 kg ≈ 2.2 pounds

1 ounce ≈ 25 g

(Q9) Convert the following to grams.

1. 2 ounces (b) 4 ounces (c) 8 ounces

(d) 10 ounces (e) 20 ounces (f) 100 ounces

(Q10) About how many litres are these?

1. 2 gallons (b) 10 gallons (c) 17.5 pints

1 litre ≈ 1.75 pints

1 gallon ≈ 4.5 litres



(Q11) About how many gallons are these?

1. 9 litres (b) 18 litres

Answers

1a) 8 km

1b) 10 km

1c) 40 km

2a) 10 miles

2b) 20 miles

2c) 40 miles

3) 48km

4) 45 m

5a) 10 cm

5b) 25 cm

5c) 20 cm

5d) 50 cm

5e) 60 cm

5f) 150 cm

5g) 180 cm

5h) 300 cm

6a) 6.6 pounds

6b) 8.8 pounds

6c) 26.4 pounds

6d) 9.9 pounds

7a) 1 kg

7b) 3 kg

7c) 5 kg

7d) 10 kg

8) 11 pounds

9a) 50 g

9b) 100 g

9c) 200 g

9d) 250 g

9e) 500 g

9f) 2500 g

10a) 9 litres

10b) 45 litres

10c) 10 litres

11a) 15.75 gallons

11b) 31.5 gallons