

Metric and imperial units of measurement

Remember

Imperial units of measure are an older system of measurement that was in common use.

Length: 12 inches = 1 foot, 3 feet = 1 yard, 1760 yards = 1 mile

Mass: 16 ounces = 1 pound, 14 pounds = 1 stone **Capacity:** 8 pints = 1 gallon



Practise

1 Change these imperial units of measurement using the information in the **Remember** box.

- a. 4 feet = _____ inches b. 8 yards = _____ feet
c. 2 miles = _____ yards d. 3 pounds = _____ ounces
e. 6 stones = _____ pounds f. 4 gallons = _____ pints
g. 24 inches = _____ feet h. 70 pounds = _____ stone

2 Convert these measurements using the information in the **Tip** box.

- a. 8 inches is about _____ cm. b. 182cm is about _____ yards.
c. 3 pints is about _____ litres. d. 8 ounces is about _____ grams.

Tip

This list shows how many metric units are about equal to one imperial unit. Use these conversions to make estimates when changing between metric and imperial units.

Length: 1 inch is about 2.5cm, 1 yard is about 91cm, 1 mile is about 1.6km

Mass: 1 ounce is about 28g, 1 pound is about 450g

Capacity: 1 pint is about 570ml, 1 gallon is about 4.5l

3 Write the correct symbol (<, > or =) in the circle to compare these measurements.

- a. 8 gallons 24 litres b. 1 kilometre 1 mile
c. 10 pounds 8 kilograms d. 1 yard 1 metre