

# Imperial and Metric Units of Measurement

Name:	Class:	Date:
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1) Work out the following conversion [6]

a) 2 square yards = ..... square feet

b) 9 square inches = ..... square feet

c) 5 miles = ..... yards

d) 6 yards = ..... feet

e) 5 Fluid Ounces = ..... Pints

f) 10 lb = ..... oz

2) Work out the following conversion, using 1 hectare  $\approx$  2.5 acres [1]

9 acres = ..... hectares

3) Work out the following conversion, rounding your answer to 3 significant figures [2]

a) 5 feet = ..... yards

b) 9 oz = ..... lb

4) Using the following conversions in your calculations, [1]

1 mile  $\approx$  1.61 km

1 yard (yd)  $\approx$  91.44 cm

1 foot (ft)  $\approx$  30.48 cm

1 inch (in)  $\approx$  2.54 cm

Work out the conversion below, rounding your answer to 3 significant figures.

10 cm = ..... in

5) Using the following conversions in your calculations

[1]

1 pint  $\approx$  0.568 litres

1 gallon  $\approx$  4.55 litres

1 fluid ounce (fl.oz.)  $\approx$  28.41 ml

Convert between the measurements below, rounding your answer to 3 significant figures

10 litres = ..... gallons

6) Using the following conversions in your calculations

[1]

1 stone  $\approx$  6.35 kg

1 pound (lb)  $\approx$  0.454 kg

1 ounce (oz)  $\approx$  28.35 g

Convert between the measurements below, rounding your answer to 3 significant figures

6 kg = ..... stone

