

Converting Metric and Imperial measurements - Volume

1 gallon \approx 4.5 litres

1 gallon = 8 pints

1 pint \approx 0.57 litres

1. Convert the following measurements into litres:

- a. 3 gallons \approx 13.5 litres b. 8 gallons \approx 36 litres c. 16.5 gallons \approx 74.25 litres
d. 5 pints \approx 2.85 litres e. 0.5 pints \approx 0.29 litres f. 4 gallons 1 pint \approx 18.57 litres

2. Convert the following measurements into gallons giving your answers to 2 d.p.:

- a. 6 litres \approx 1.33 gallons b. 180 litres \approx 40 gallons c. 0.5 litres \approx 0.11 gallons
d. 7.8 litres \approx 1.73 gallons e. 25 litres \approx 5.56 gallons f. 2.7 litres \approx 0.6 gallons

3. Convert the following measurements into pints giving your answers to 2 d.p.:

- a. 4 litres \approx 7.02 pints b. 21 litres \approx 36.84 pints c. 0.5 litres \approx 0.88 pints
d. 200 ml \approx 0.35 pints e. 4.3 litres \approx 7.54 pints f. 130 litres \approx 228.07 pints

3. For each pair of measurements, circle the largest volume:

- a. 4 gallons or 20 litres b. 6 gallons 1 pint or 25 litres c. 12 gallons or 90 pints
d. 24.5 gallons or 100 litres e. 5 litres or 9 pints f. 1 litre or 2 pints

4. A restaurant sells 500 ml bottles of coke for £2 or 1 pint of draught coke for £2.25. Which is best value for money?

Bottle: 250 ml per £1

Draught: 0.57 litres per £2.25 = 253 ml per £1 Draught is best value.