

Percentage Waste Questions

Worksheet 2

- Q1.** Calculate the percentage waste when 13 circular tops, radius 150mm, are cut from a sheet of MDF measuring 1.220m x 2.m.
- Q2.** Calculate the percentage waste when 8 half round tabletops, 460mm in diameter, are cut from a sheet of pine measuring 1.220m x 2.440m.
- Q3.** Calculate the percentage waste when 15 Tops, 400mm x 300mm are cut from a sheet of MDF measuring 1.220m x 2.150mm.
- Q4.** Calculate the percentage waste when 9 Tops, 375mm x 380mm are cut from a sheet of MDF measuring 1.220m x 1.450m.
- Q5.** Calculate the percentage waste when 16 tops, 400mm in width x 300mm are cut from a sheet of MDF measuring 1.220m x 2.400m.
- Q6.** Calculate the percentage waste when 8 half round tabletops, 580mm in diameter, are cut from a sheet of pine measuring 1.220m x 2.440m.
- Q7.** Calculate the percentage waste when 16 circular stool seats, radius 200mm, are cut from a sheet of MDF measuring 1.220m x 2.440m.
- Q8.** Calculate the percentage waste when 6 half round tabletops, 540mm in diameter, are cut from a sheet of pine measuring 1.220m x 2.440m.
- Q9.** Calculate the percentage waste when 6 half round tabletops, 840mm in diameter, are cut from a sheet of pine measuring 1.220m x 2.440m.

- Formula for the area of a circle = πr^2
- Formula for percentage waste = $\frac{\text{Waste} \times 100}{\text{Material}}$

Answers in Percentage Waste Questions and Answers worksheet 2 2026