

Percentage Waste Questions

Worksheet

- Q1.** Calculate the percentage waste when the material for 2 Lockers are cut from a sheet of MDF measuring 1.220m x 2.0m. Each Locker uses 0.922m²
- Q2.** Calculate the percentage waste when 8 Squares, 400mm in width are cut from a sheet of MDF measuring 1.220m x 2.0m.
- Q3.** Calculate the percentage waste when 7 Tops, 400mm x 300mm are cut from a sheet of MDF measuring 1.220m x 950mm.
- Q4.** Calculate the percentage waste when 12 Tops, 330mm x 350mm are cut from a sheet of MDF measuring 1.220m x 1.450m.
- Q5.** Calculate the percentage waste when 16 Triangles, 400mm in width x 600mm in height are cut from a sheet of MDF measuring 1.220m x 2.100m.
- Q6.** Calculate the percentage waste when 7 Triangles, 450mm in width x 500mm in height are cut from a sheet of MDF measuring 1.220m x 2.100m.
- Q7.** Calculate the percentage waste when 16 circular stool seats, 400mm in diameter, are cut from a sheet of MDF measuring 1.220m x 2.440m.
- Q8.** Calculate the percentage waste when 8 half round tabletops, 500mm 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, 850mm 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 = $\frac{\text{Waste} \times 100}{\text{Material}}$

Answer in Power Point