Percentage Waste **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 950m.

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 600 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 500 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.

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

Answer in Power Point