Area

Area is **flat space (2-D)**

Length is distance (1-D), Volume is 'real' space (3-D)

Common Examples:



Important Results:



To find the area of a **compound shape**, first split it up into rectangles and triangles. To **estimate** the area of an **irregular shape**, draw on a square grid and count the number of squares it covers.

Practice Questions:



A4 paper measures approximately 20cm by 30cm. Work out the area of a single sheet of A4 paper: _____cm²

If you halve the length and the width, you get A6 paper. Work out the area of a single sheet of A6 paper: cm^2

Find the area of each of the following shapes (by splitting them into simpler shapes first if necessary). Don't forget to include the units with your answers.



Area **SOLUTIONS**

Practice Questions:



A4 paper measures approximately 20cm by 30cm. Work out the area of a single sheet of A4 paper: $20 \times 30 = 600cm^2$

If you halve the length and the width, you get A6 paper. Work out the area of a single sheet of A6 paper: $10 \times 15 = 150 cm^2$

Find the area of each of the following shapes (by splitting them into simpler shapes first if necessary). Don't forget to include the units with your answers.

