

Learning objectives

The work in this unit is focused on the very important topic of area. After completing this unit you should be able to

- use formulae to calculate the areas of *squares*, *rectangles* and *triangles*
- understand and calculate the area and circumference of a *circle*
- use formulae to calculate the areas of *parallelograms*, *trapeziums* and *kites*
- calculate the surface areas of solids including *cuboids*, *cylinders* and *spheres*
- find the arc length and area of a *sector* of a circle.