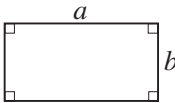
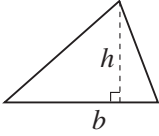
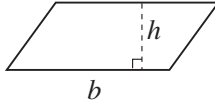
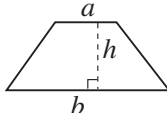
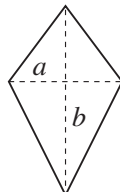
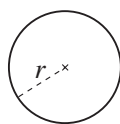


Area

Essential information

You will find it useful to be fully familiar with the facts listed here.

<i>SHAPE</i>	<i>SKETCH</i>	<i>AREA</i>
<i>Square</i>		a^2
<i>Rectangle</i>		ab
<i>Triangle</i>		$\frac{1}{2}bh$
<i>Parallelogram</i>		bh
<i>Trapezium</i>		$\frac{1}{2}(a + b)h$
<i>Kite</i>		$\frac{1}{2}ab$
<i>Circle</i>		πr^2 (and circumference = $2\pi r$)

Area

Essential information

Area of 2D shape

For example, area of circle = πr^2

Surface area of 3D shape

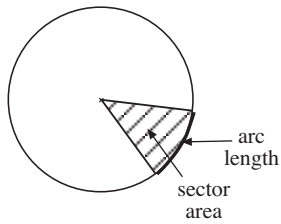
For example, surface area of cuboid = $2(ab + bc + ca)$

surface area of a cylinder = $2\pi r^2 + 2\pi rh$

surface area of a sphere = $4\pi r^2$

Sector area

Arc length



Chord a straight line joining any two points on a curve