

AREA AND VOLUME

Being able to work out the area and volume of shapes is really useful.

You might need to work out the surface area of a leaf or the pressure of a tyre.

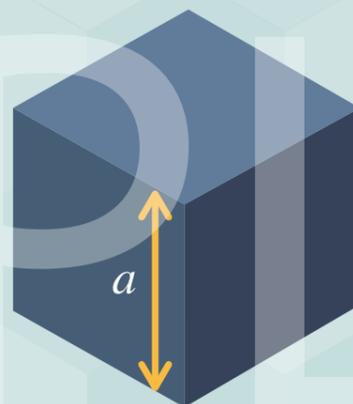
AREA



CIRCLE

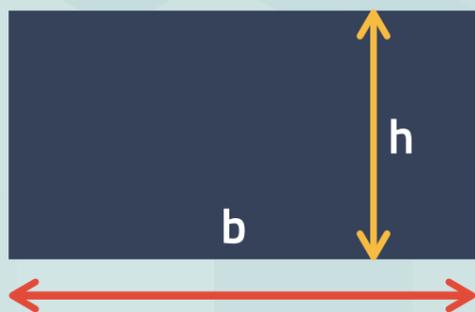
$$\pi r^2$$

VOLUME



CUBE

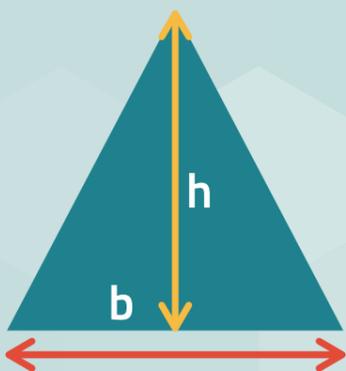
$$a^3$$



RECTANGLE

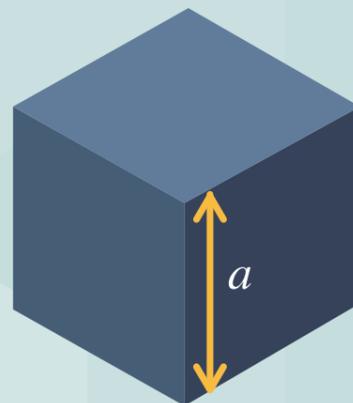
base x height

SURFACE AREA



TRIANGLE

$\frac{1}{2}$ x base x height



CUBE

$$6a^2$$

Can you work out the surface area to volume ratio of a cube with a 1 cm side?

