

## Area

Area is a two dimensional measure of space within a shape. Below, there are a variety of shapes with how to find the area. The area of the shapes are shown as units<sup>2</sup>. There are also several three dimensional shapes represented below. In these cases the formula shown is for the surface area of the shape (and for the cone and the cylinder it is for the curved surface area only). Rectangle

$$l \times w$$

## Triangle

$$\frac{1}{2} b h$$

## Parallelogram

$$b \times h$$

## Trapezium

$$\frac{h}{2} (a + b)$$

## Circle

$$\pi r^2$$

## Sphere

$$4 \pi r^2$$

## Cylinder

$$2 \pi r h$$

## Cone

$$\pi r s$$

## About the Author

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