

Activity:

The aim of this activity is for children to practise calculating the area of a triangle. There are three questions to complete. The first two questions allow children to practise the skill, while the third question extends them as they have to problem solve and explain their answer.

Vocabulary:

The **area** is the measurement of the surface of a 2D shape. It is measured in unit squares such as centimetre squared (cm^2). The formula for finding the area is $a = w \times l$ (width x length). The area should be halved when calculating the area of a right-angled triangle.

The **dimension** is the measurement of length in one direction, such as the width, depth and height of a shape.

Supporting resources:

You can watch a video tutorial about calculating the area of a triangle on kids.classroomsecrets.co.uk >> Year 6 >> Maths >> Perimeter, Area and Volume >> Video Tutorials.

Other resources:

If your child enjoyed this activity and wants to try more activities linked to this learning, you can sign up for £4.83 per month on classroomsecrets.co.uk/membership.

Check out our daily timetable for Year 6 home learning activities on kids.classroomsecrets.co.uk >> Home Learning Timetable.

Area of a Triangle 2

1. A. 36cm^2 ; B. 27cm^2 ; C. 28cm^2
2. A. 4cm; B. 60mm; C. 120mm
3. No, Aurora is not correct because the dimensions could be 6m x 10m. Both sides are not greater than 8m.