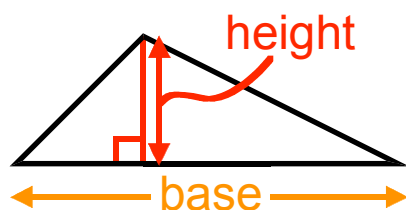


Areas of triangles

The easy formula

This formula is certainly easy but you can't always use it as you don't always know the base or the height of a triangle. But if you do know those, use it!

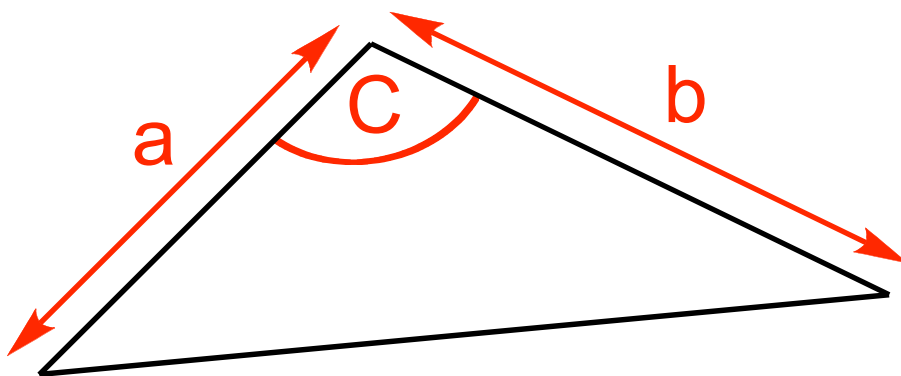


$$\text{area of triangle} = \frac{1}{2} \times \text{base} \times \text{height}$$

$$A = \frac{1}{2}bh$$

The only slightly more difficult formula

This formula works for any triangle – all you need to know are two sides and the angle between them.



$$\text{area of triangle} = \frac{1}{2} \times a \times b \times \sin C$$

$$A = \frac{1}{2}ab \sin C$$