

Area using Sine

Area of Triangle Law of Sines

Area of a Triangle

The area of any triangle is given by one half the product of the lengths of two sides times the sine of their included angle.

$$\text{Area} = \frac{1}{2}bc \sin A$$

$$\text{Area} = \frac{1}{2}ab \sin C$$

$$\text{Area} = \frac{1}{2}ac \sin B$$

Find the area of the triangle.

1.

