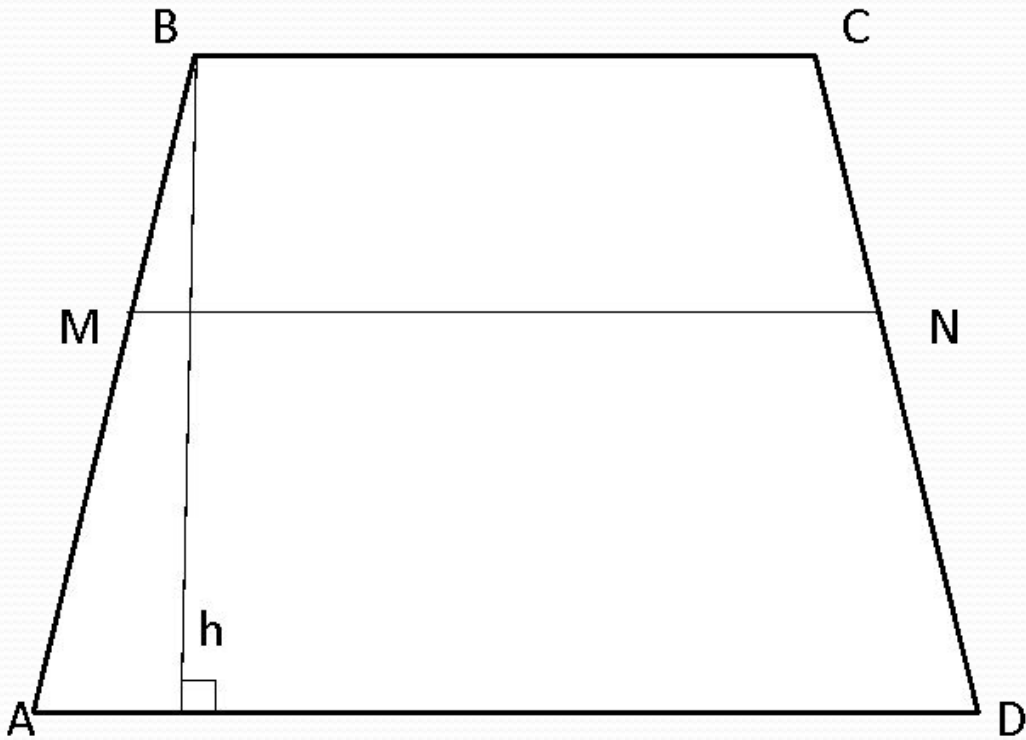


ТРАПЕЦИЯ



□□□ – средняя линия

$$\square\square\square = \frac{1}{2} \square\square\square\square + \square\square\square\square$$

$$\square\square = \frac{1}{2} \square\square\square\square + \square\square\square\square h$$

$$\square\square = \square\square\square \times h$$

Прямоугольный

В

a

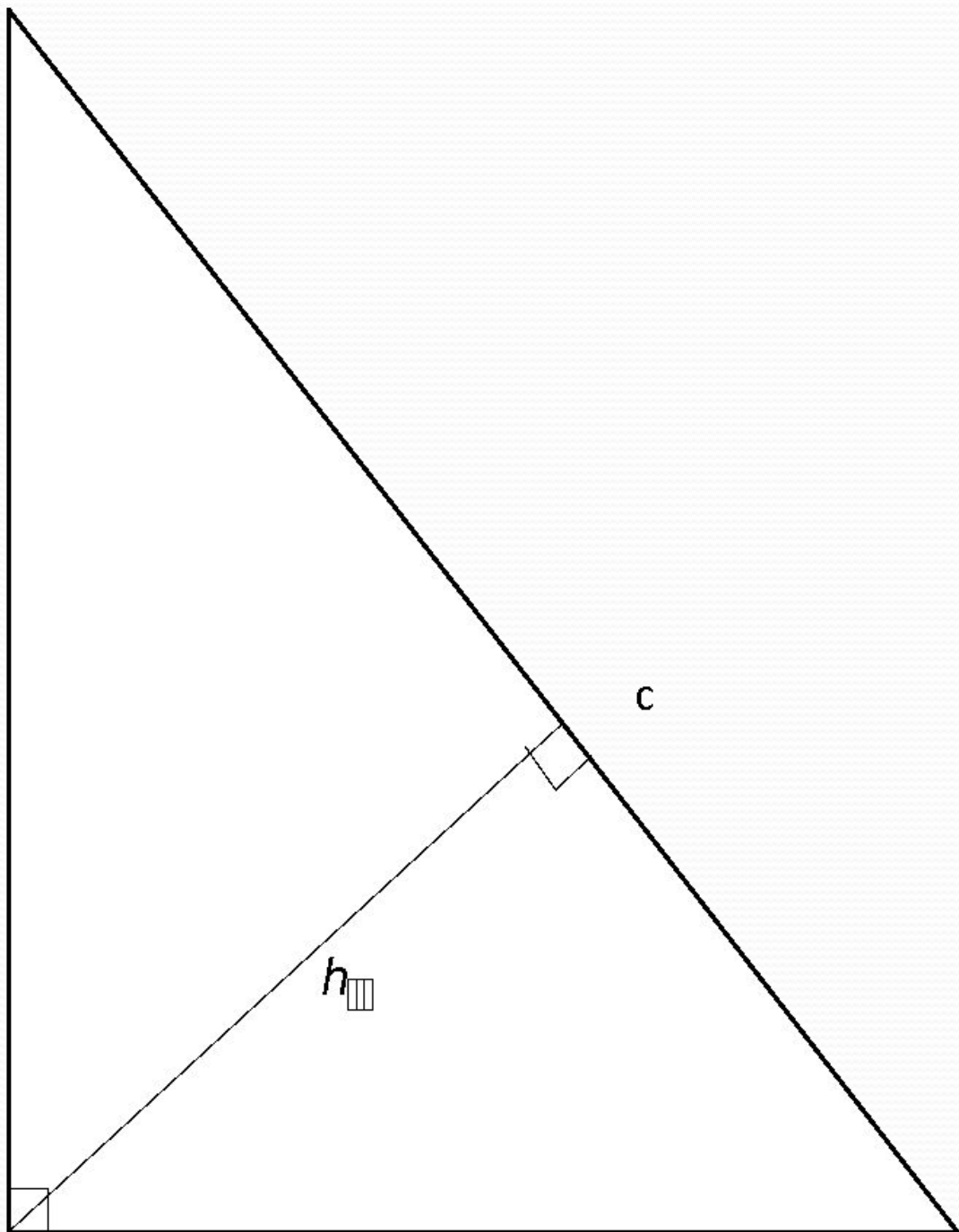
c

h

С

b

А



Треугольник

$$\angle C = 90^\circ,$$

$$\angle A + \angle B = 90^\circ$$

$$a^2 + b^2 = c^2$$

$$a = \frac{1}{2} c \sin B$$

$$a = \frac{1}{2} h_b \times c$$

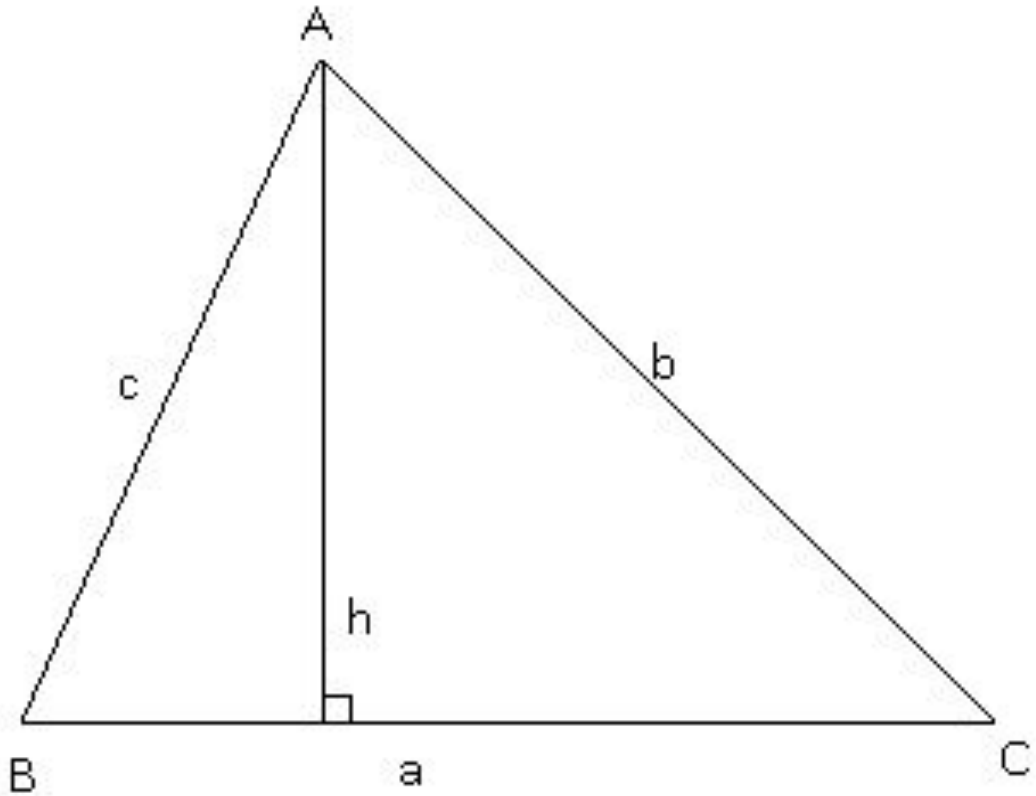
$$\frac{a}{c} = \cos B$$

$$\frac{b}{c} = \sin B$$

$$\frac{a}{b} = \tan B$$

$$\frac{b}{a} = \cot B$$

Треугольник



$$S = \frac{1}{2} ah$$

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

$$c^2 = a^2 + b^2 - 2ab \cos C$$

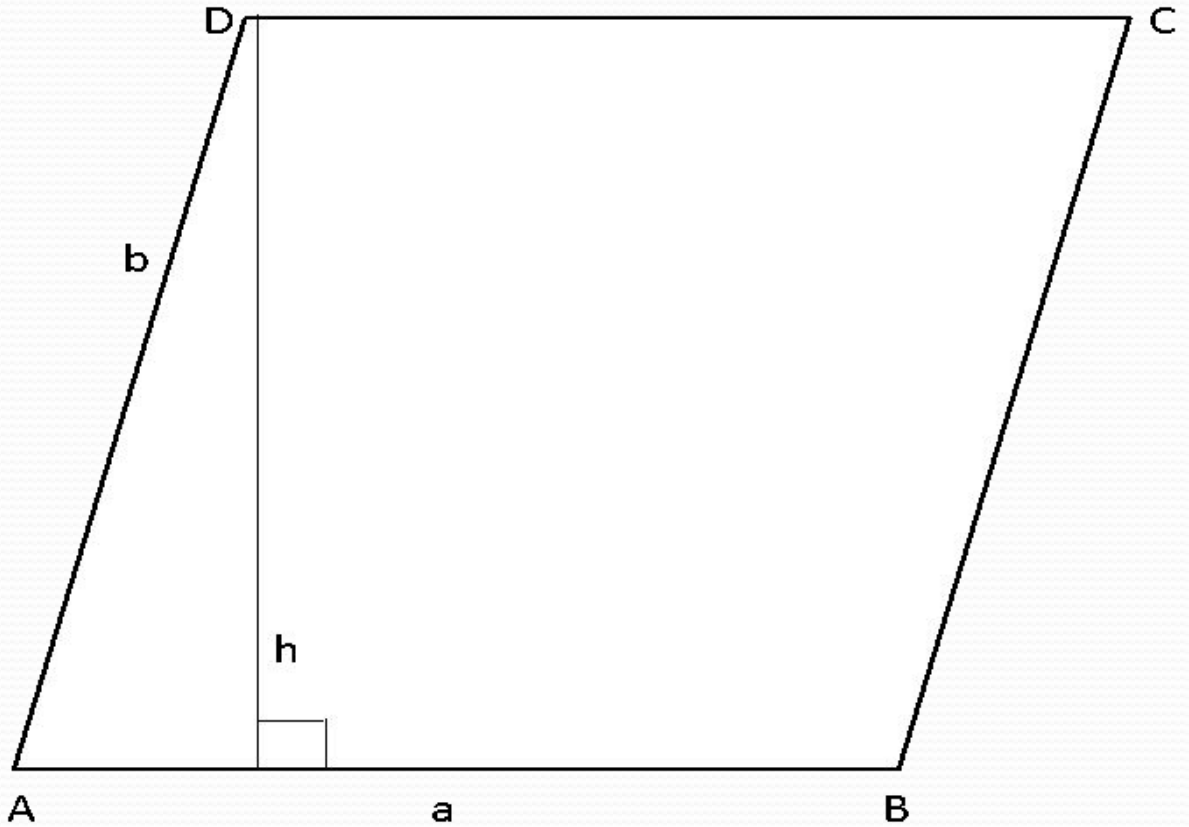
$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C} = 2R$$

$$S = \frac{1}{2} Pr$$

$$S = \sqrt{p(p-a)(p-b)(p-c)}$$

$$p = \frac{1}{2} (a + b + c)$$

Параллелограмм

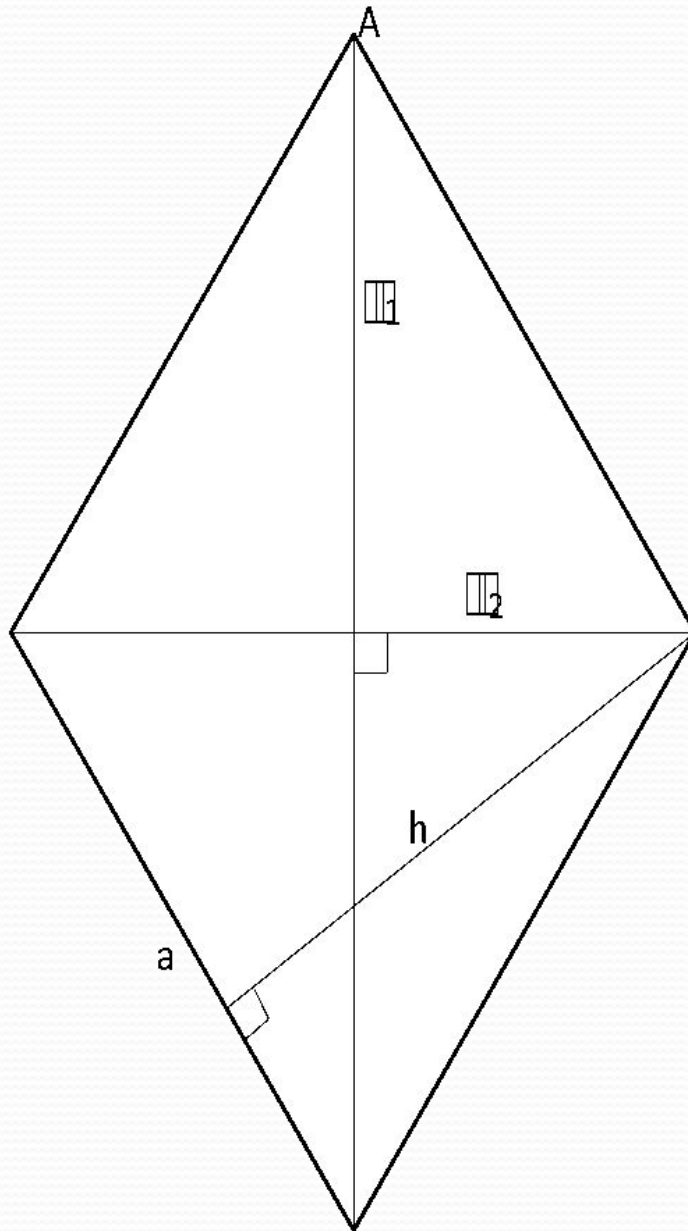


$$S = ah$$

$$S = ab \sin \alpha$$

$$S = 2(a_1 + a_2)h$$

Ромб



$$S = \frac{1}{2} d_1 \times d_2$$

$$S = ah$$

$$S = 4S_{\text{triangle}}$$