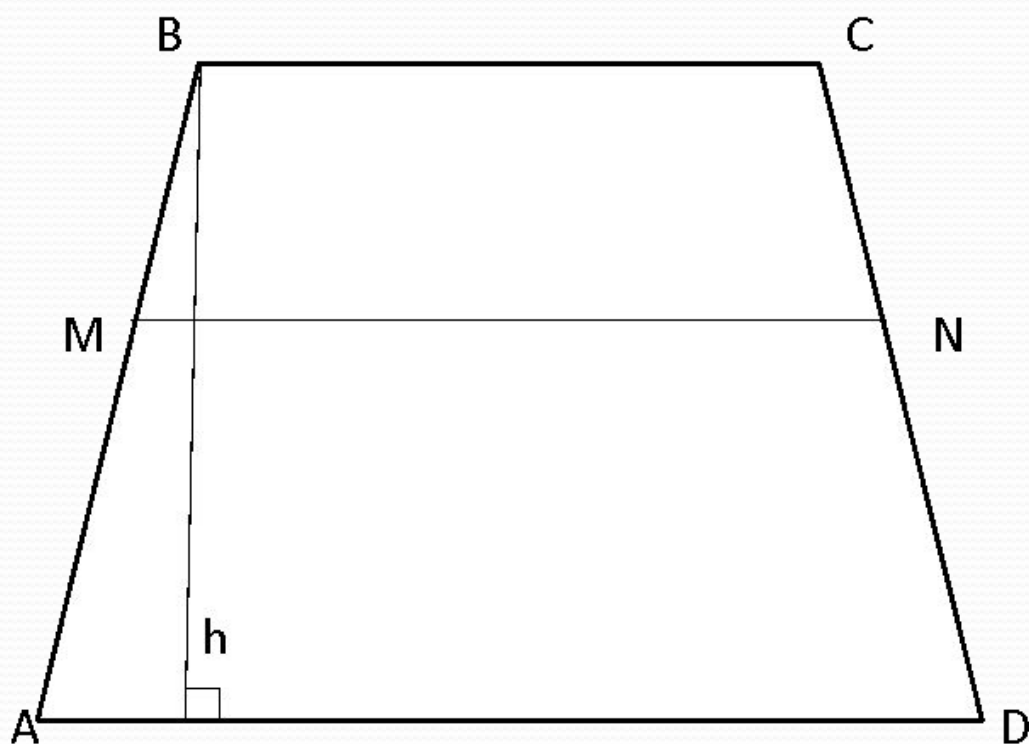


ТРАПЕЦИЯ



□□□ — средняя линия

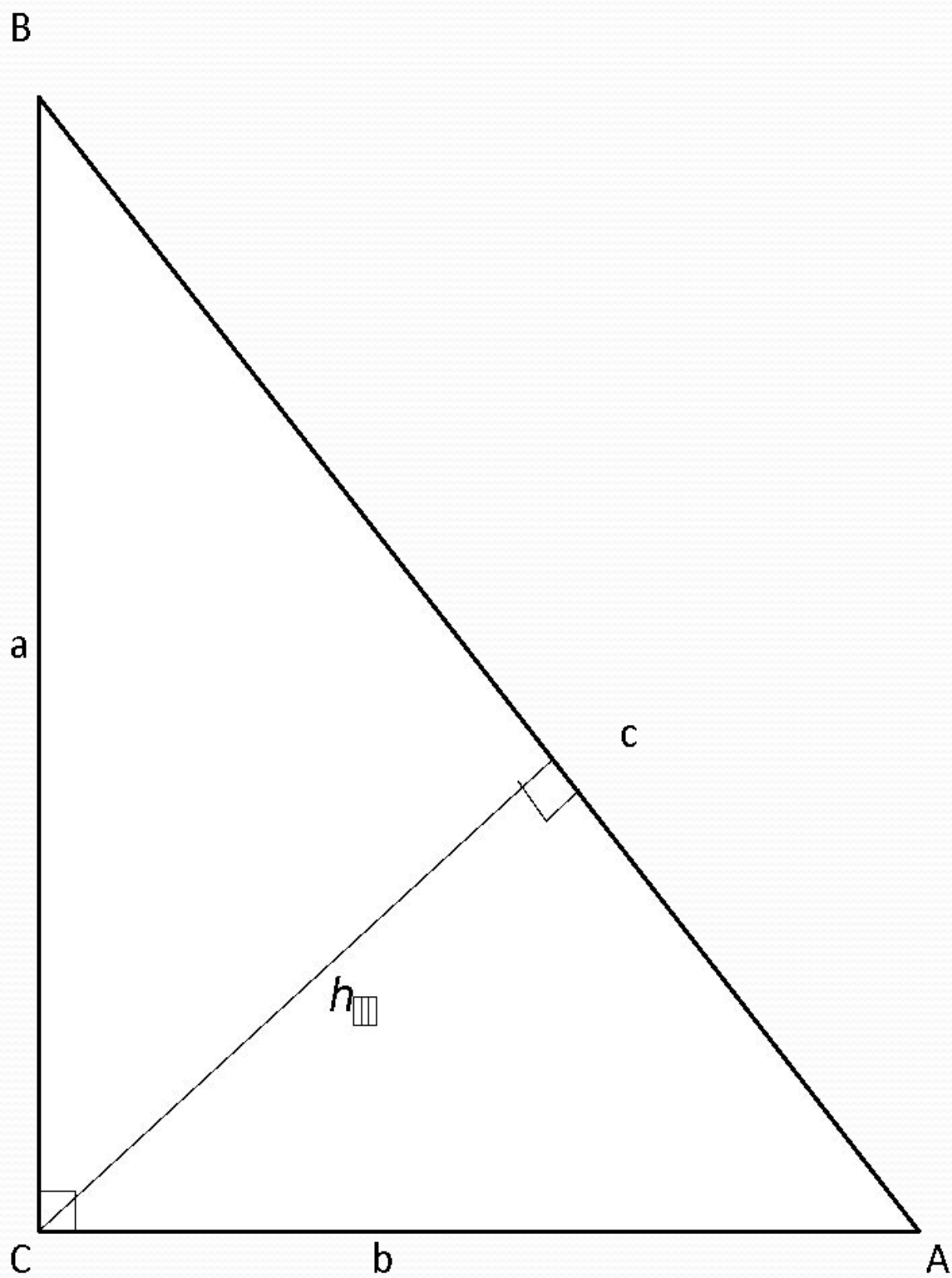
$$\square\square\square = \frac{1}{2} \square\square\square\square + \square\square\square\square$$

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

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



Прямоугольный



треугольник

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

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

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

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

$$a = \frac{1}{2} h_a \times b$$

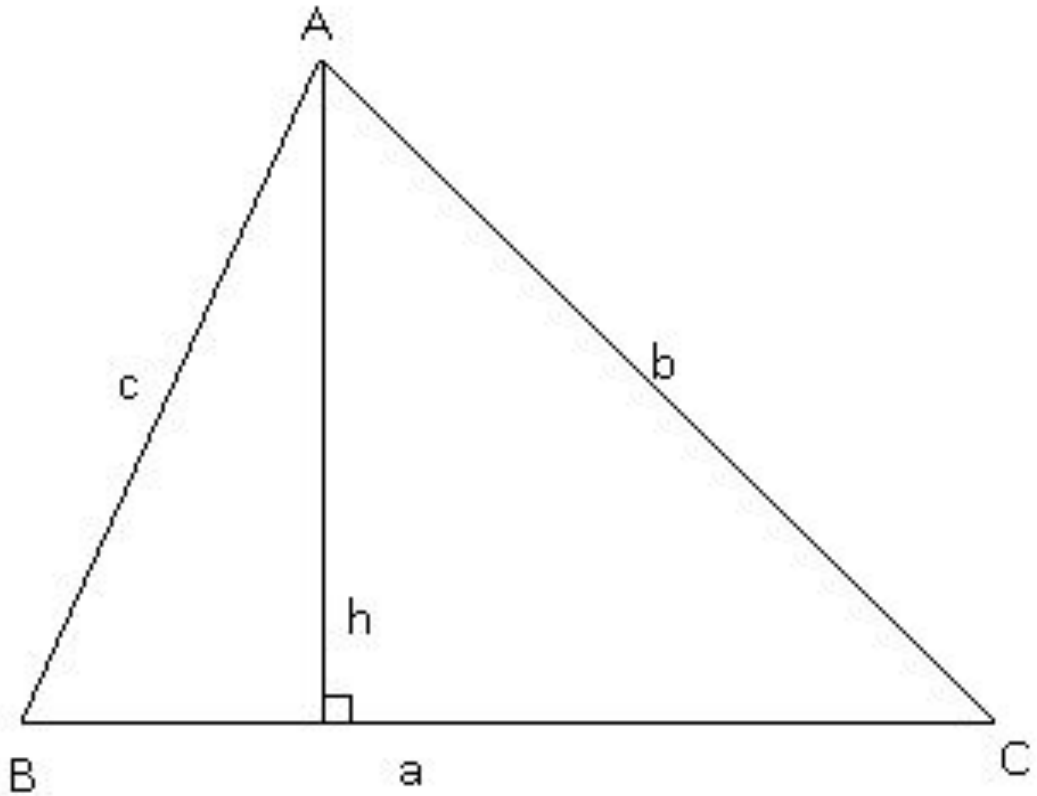
$$\frac{a}{c} = \cos B$$

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

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

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

Треугольник



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

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

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

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

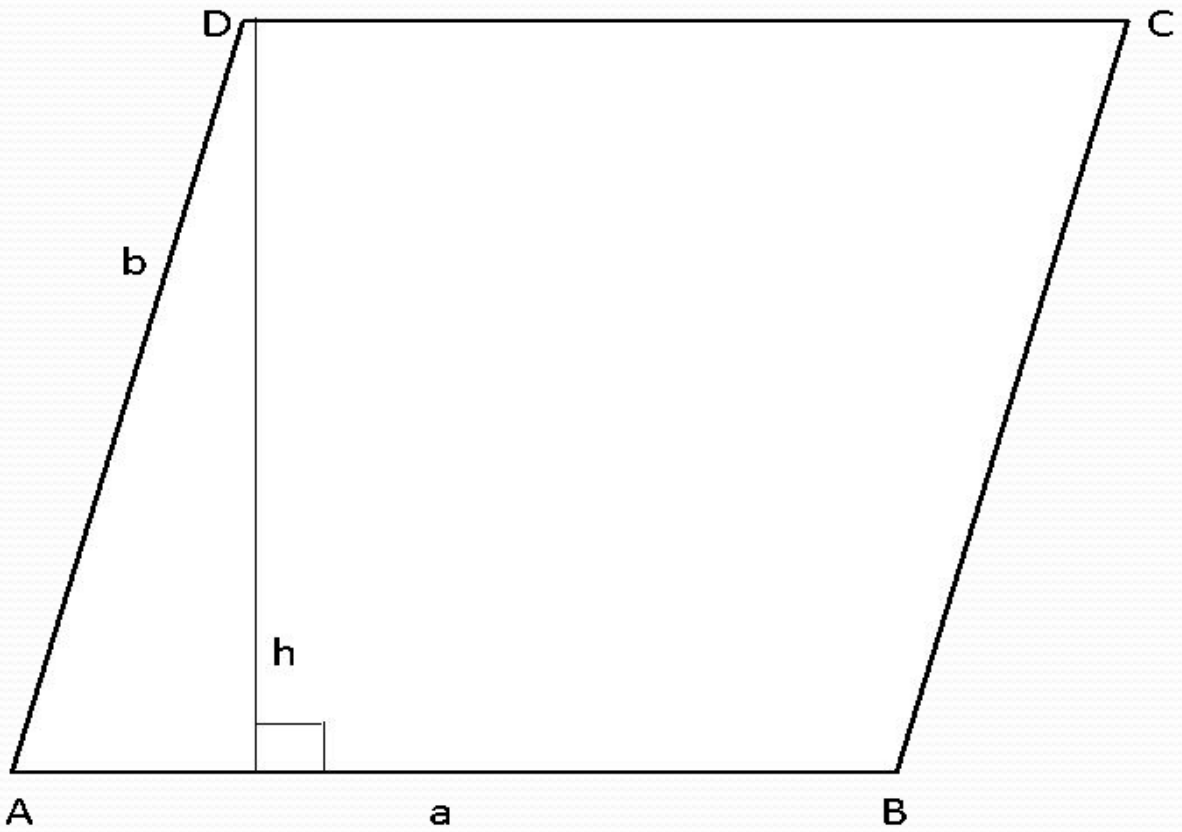
$$S = \frac{1}{2}Pr$$

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

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

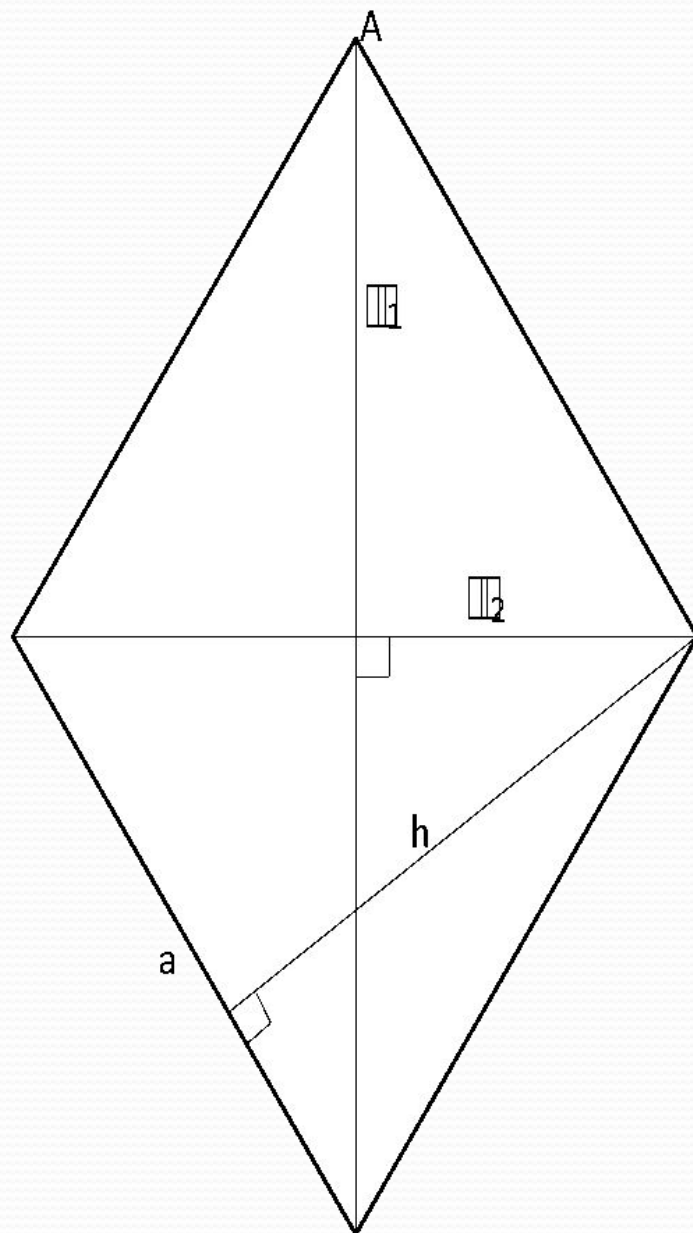


Параллелограмм



$$S = ah$$
$$S = ab \sin \alpha$$
$$S = 2(\dots + \dots)$$

Ромб



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

$$S = ah$$

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