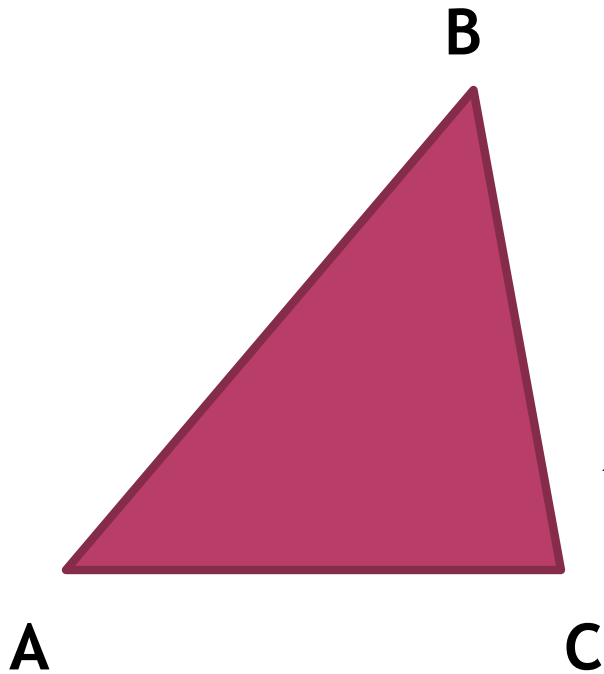


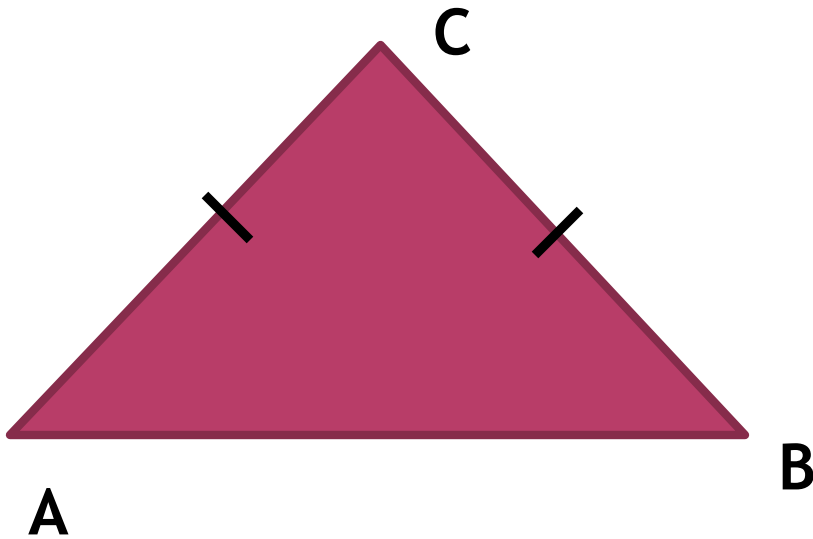
# НЕКОТОРЫЕ СВОЙСТВА ПРЯМОУГОЛЬНЫХ ТРЕУГОЛЬНИКОВ



$$\angle \hat{A} = 65^\circ; \angle \hat{A} = 45^\circ$$

$$\angle \tilde{N} - ?$$

$$\angle \tilde{N} = 180^\circ - (65^\circ + 45^\circ) = 70^\circ$$



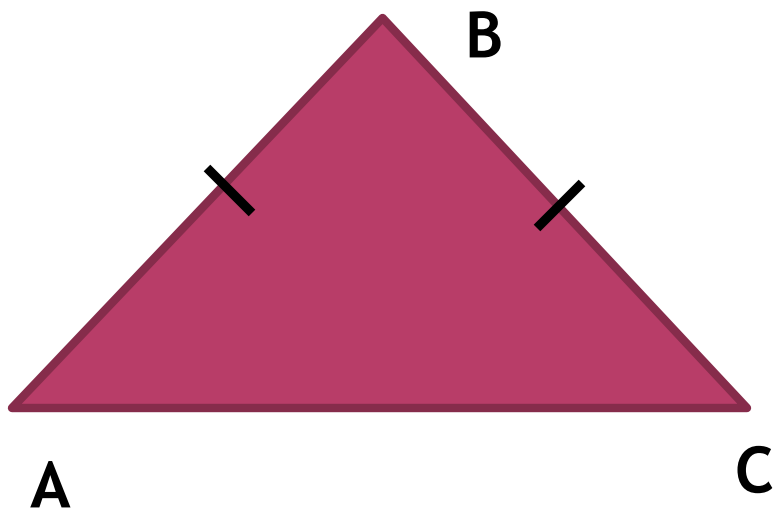
$$\angle A = 38^\circ; \angle A - ?$$

$$\angle N - ?$$

$$\angle A = \angle B = 38^\circ \text{ (isosceles triangle)}$$

$$\text{(base angles are equal)}$$

$$\angle C = 180^\circ - (38^\circ + 38^\circ) = 104^\circ$$



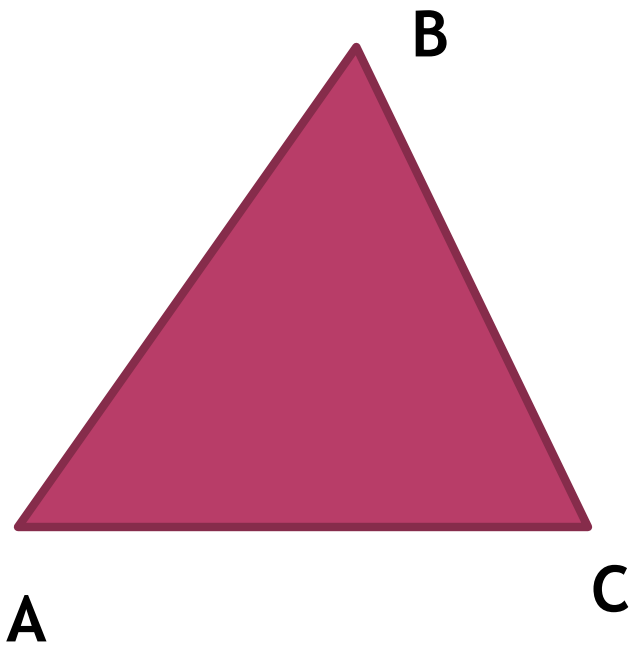
$$\angle A = 98^\circ$$

$$\angle A = ?;$$

$$\angle B = ?$$

$\angle A = \angle C$  (because the two sides are equal)

$$\angle A = \angle C = (180^\circ - 98^\circ) : 2 = 41^\circ$$



$$\hat{A}A = 2,3\text{äi} ;$$

$$\hat{A}\tilde{N} = 1,2\text{äi} ;$$

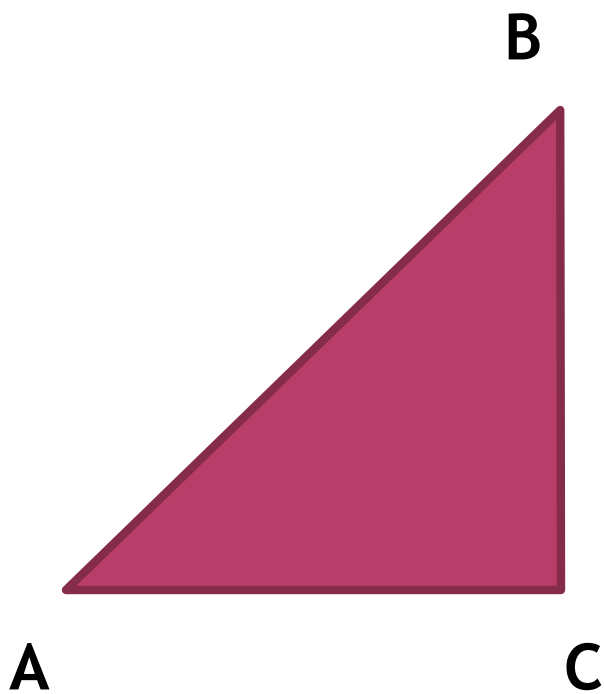
$$\hat{A}\tilde{N} = 3,6\text{äi}$$

$$\hat{A}\tilde{N} < \hat{A}A + \hat{A}\tilde{N}$$

$$3,6\text{äi} < 2,3\text{äi} + 1,2\text{äi}$$

$$3,6\text{äi} < 3,5\text{äi} \text{ (íââðíí ) } \Rightarrow$$

$$\Rightarrow \text{òðáóãîëüíè } \hat{e} \text{ _ íâ _ ñóùâñòâóâò}$$



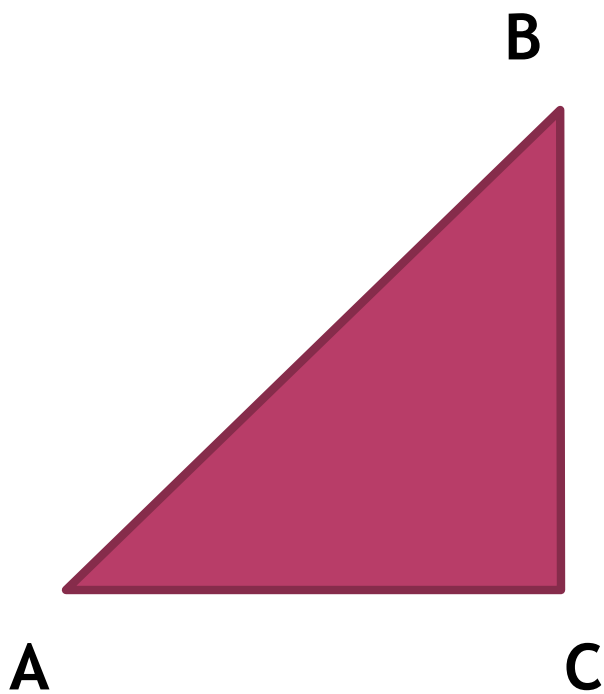
$$\angle \tilde{N} = 90^\circ$$

$$\angle \hat{A} = 30^\circ$$

$$\hat{A}\tilde{N} = 4,3\tilde{n}\hat{i}$$

$$\hat{A}\hat{A} - ?\tilde{n}\hat{i}$$

$$AC = \frac{1}{2} AB \Rightarrow AB = 2AC = 8,6c\hat{i}$$



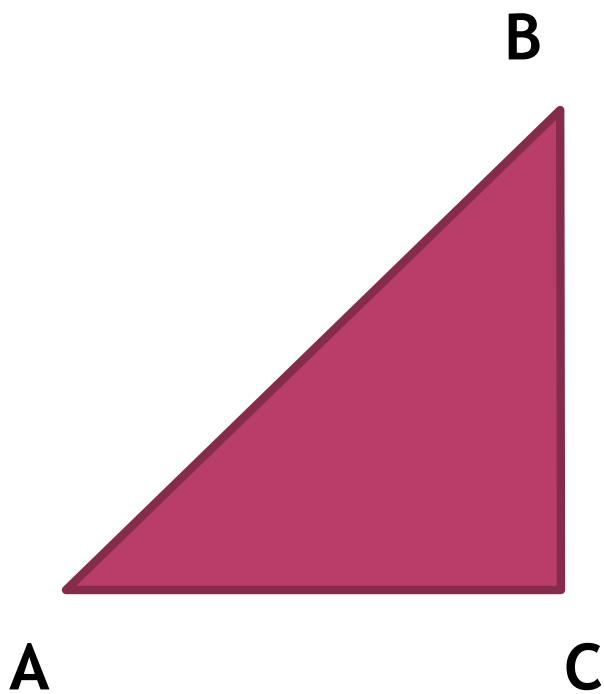
$$\angle \tilde{N} = 90^\circ$$

$$\angle \hat{A} = 30^\circ$$

$$\hat{A}B = 22\tilde{n}\grave{i}$$

$$\hat{A}C = ?\tilde{n}\grave{i}$$

$$AC = \frac{1}{2} AB \Rightarrow AC = 22 : 2 = 11\tilde{n}\grave{i}$$



$$\angle \tilde{N} = 90^\circ$$

$$AB = 30\tilde{n}$$

$$AC = 15\tilde{n}$$

$$\angle B = ?$$

$$AC = \frac{1}{2} AB \Rightarrow \angle B = 30^\circ$$