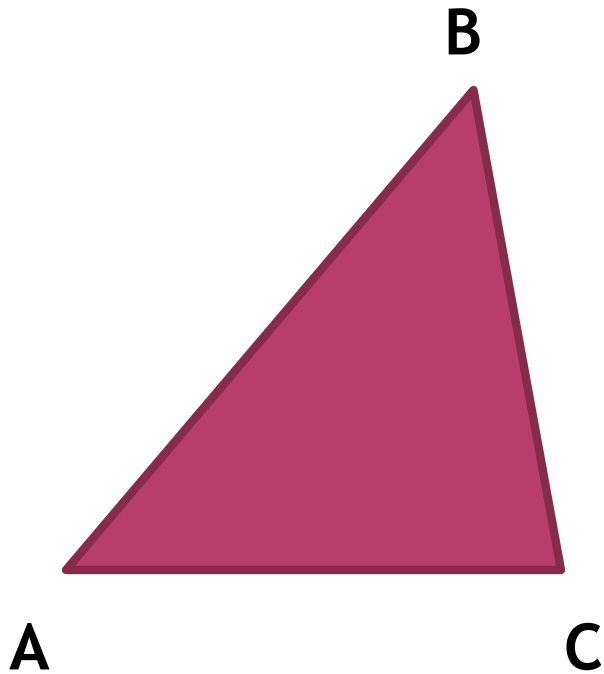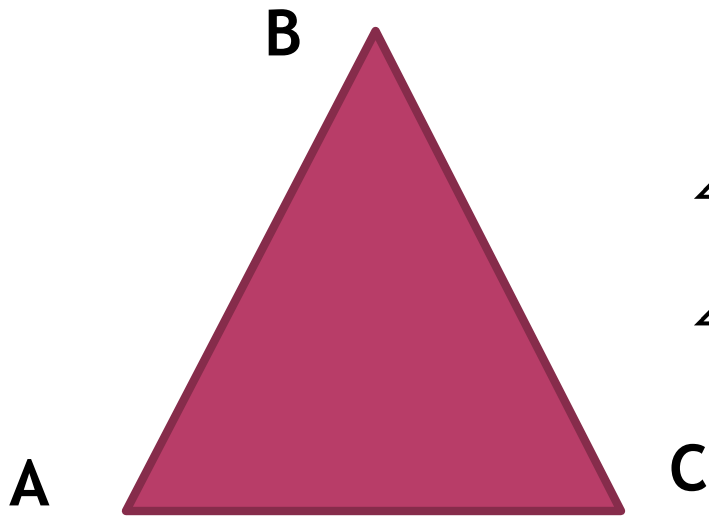# СООТНОШЕНИЯ МЕЖДУ СТОРОНАМИ И УГЛАМИ ТРЕУГОЛЬНИКА

$$\angle \grave{A} = 47°; \angle \hat{A} = 53°$$

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

$$\angle \tilde{N} = 180° - (47° + 53°) = 80°$$

B

A

C

$$\angle \grave{A} = 47°; \angle \hat{A} - ?$$

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

$$\angle \grave{A} = \angle \hat{A} = 47°(\acute{o}\tilde{a}\ddot{e}\hat{u}\_\ddot{i}\partial\grave{e}\_\hat{i}\tilde{n}\acute{i}\hat{a}\grave{a}\acute{i}\grave{e}\grave{e}$$

$$\partial\grave{a}\hat{a}\acute{i}\hat{a}\mathring{a}\ddot{a}\partial\mathring{a}\ \acute{i}\acute{i}\tilde{a}\hat{i}\_\grave{o}\partial\mathring{a}\acute{o}\tilde{a}\hat{i}\ddot{e}\ddot{u}\acute{i}\grave{e}\ \hat{e}\grave{a})$$

$$180° - (47° + 47°) = 86°$$

B

A

C Д
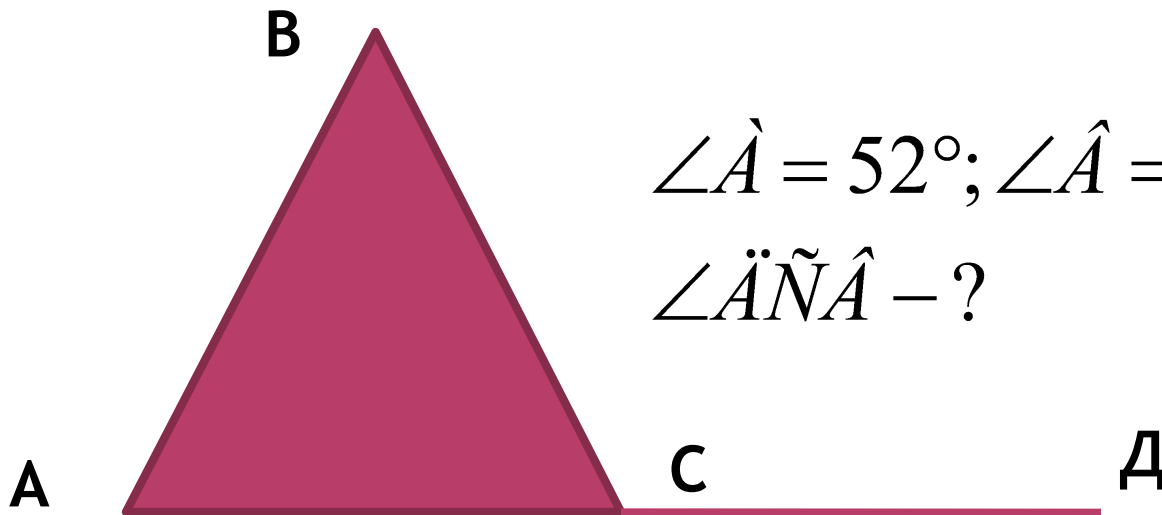
$$\angle À = 52°; \angle Â = 37°$$
$$\angle ÄÑÂ - ?$$

$$\angle ÄÑÂ - âíåøíèé \quad \_ \, óãîë$$
$$\Delta ÀÂÑ;$$
$$\angle ÄÑÂ = 52° + 37° = 89°$$

$$\angle \grave{A} = 45°; \angle C = 30°$$
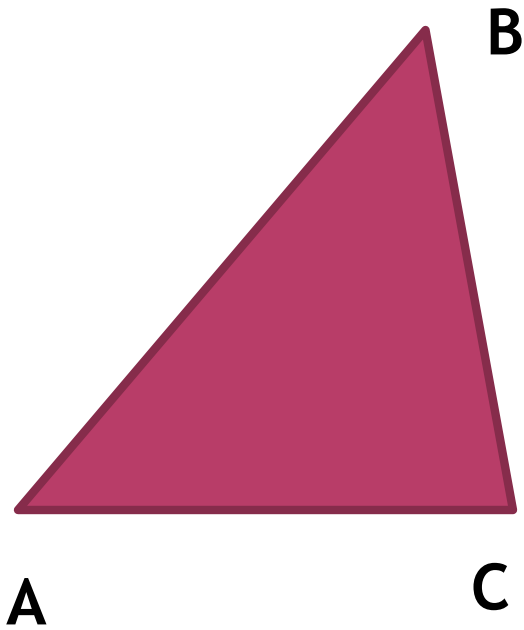
$$\acute{I}\grave{a}\acute{e}\grave{o}\grave{e} \quad \_ \acute{i}\grave{a}\grave{e}\acute{a}\hat{i}\ddot{u}\o\acute{o}\þ \quad \_ \tilde{n}\grave{o}\hat{i}\ð\hat{i}\acute{o}$$

$$\Delta \grave{A}\hat{A}\tilde{N}$$

$$\angle \hat{A} = 180° - (45° + 30°) = 105° - \grave{o}\acute{o}\ï\hat{i}\acute{e} \quad \_ \acute{o}\ã\hat{i}\ë;$$

$$\angle \hat{A} - \acute{i}\grave{a}\grave{e}\acute{a}\hat{i}\ü\o\grave{e}\acute{e} \quad \_ \acute{o}\ã\hat{i}\ë \Rightarrow$$

$$\grave{A}\tilde{N} - \acute{i}\grave{a}\grave{e}\acute{a}\hat{i}\ü\o\grave{a}\ÿ \quad \_ \tilde{n}\grave{o}\hat{i}\ð\hat{i}\grave{i}\grave{a}$$

$$\grave{A}\tilde{N} = 1,3\ddot{a}\grave{i} \; ;$$

$$\hat{A}\tilde{N} = 1,4\ddot{a}\grave{i} \; ;$$

$$\grave{A}\tilde{N} = 2,9\ddot{a}\grave{i}$$

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

$$2,9\ddot{a}\grave{i} \; < 1,3\ddot{a}\grave{i} \; + 1,4\ddot{a}\grave{i}$$

$$2,9\ddot{a}\grave{i} \; < 2,7\ddot{a}\grave{i} \; (\acute{i}\mathring{a}\hat{a}\mathring{a}\eth\acute{i}\hat{i} \;) \Rightarrow$$

$$\Rightarrow \grave{o}\eth\mathring{a}\acute{o}\tilde{a}\hat{i}\ddot{e}\ddot{i}\acute{i} \; \hat{e} \_ \acute{i}\mathring{a} \_ \tilde{n}\acute{o}\grave{u}\mathring{a}\tilde{n}\grave{o}\hat{a}\acute{o}\mathring{a}\grave{o}$$

$$\angle \tilde{N} = 90°$$

AC- катет

BC- катет

AB- гипотенуза