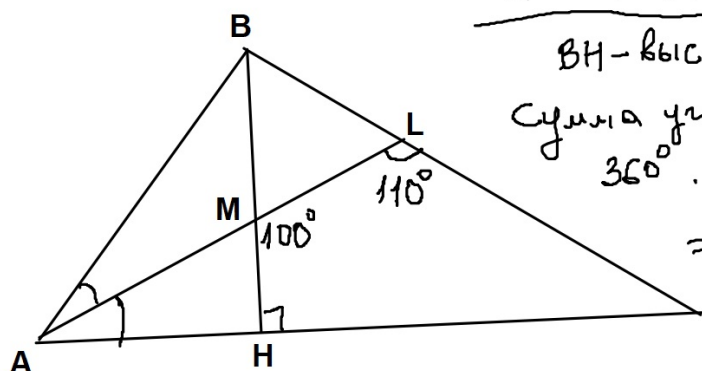




$$\angle A = ? \quad \angle B = ? \quad \angle C = ?$$

$$BH - \text{высота} \Rightarrow \angle BHC = 90^\circ$$

$$\text{Сумма углов 4-х угольника HMLC равна } 360^\circ. \Rightarrow \angle HML + \angle MLC + \angle MHC + \angle C = 360^\circ$$

$$\Rightarrow 100^\circ + 110^\circ + 90^\circ + \angle C = 360^\circ$$

$$\Rightarrow 300 + \angle C = 360^\circ \Rightarrow \underline{\angle C = 60^\circ}$$

$$\angle AMH = 180^\circ - \angle LMH \quad (\angle AMH \text{ и } \angle LMH - \text{смежные})$$

$$\Rightarrow \angle AMH = 180^\circ - 100^\circ = 80^\circ$$

$$\triangle AMH: \angle MAH = 180^\circ - \angle AMH - \angle AHM = 180^\circ - 90^\circ - 80^\circ = 10^\circ$$

$$\Rightarrow \angle A = 2 \cdot \angle MAH \quad (\text{т.к. } AM - \text{биссектриса}) \quad \underline{\angle A = 20^\circ}$$

$$\triangle ABC: \underline{\angle B} = 180^\circ - \angle A - \angle C = 180^\circ - 60^\circ - 20^\circ = \underline{100^\circ}$$

$$\angle A = 20^\circ ; \angle B = 100^\circ ; \angle C = 60^\circ$$