

Legyen $A_1B = AB$, $B_1C = BC$ és $C_1A = CA$. Ekkor

$$AA_1C_1\Delta = 2ABC_1\Delta = 2ABC\Delta,$$

$$BB_1A_1\Delta = 2BCA_1\Delta = 2ABC\Delta \text{ és}$$

$$CC_1B_1\Delta = 2CAB_1\Delta = 2ABC\Delta.$$

Tehát

$$A_1B_1C_1\Delta = AA_1C_1\Delta + BB_1A_1\Delta + CC_1B_1\Delta + ABC\Delta = 7ABC\Delta.$$

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