**Признаки подобия треугольников**

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| I. *АВС* *А*1*В*1*С*1  *В* = *В*1 и $\frac{AB}{A\_{1}B\_{1}}=\frac{AC}{A\_{1}C\_{1}}=\frac{BC}{B\_{1}C\_{1}}=k$II. *АВС* *А*1*В*1*С*1   $\frac{S\_{ABC}}{S\_{A\_{1}B\_{1}C\_{1}}}=k^{2}$III. *АВС* *А*1*В*1*С*1   $\frac{P\_{ABC}}{P\_{A\_{1}B\_{1}C\_{1}}}=k$ |

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