



























∠A < 90° (acute)	Conditions	Number and Type of Triangles Possible
b b b sin A A B	a < b sin A	no triangle
$ \begin{array}{c} C \\ a = b \sin A \\ A \\ B \end{array} $	a – b sin A	one right triangle
$A$ $B_2$ $B_1$ $B_1$	b sin A < a < b	two triangles—one acute, one obtuse
A D Sin A B	a≥b	one triangle











