

<p><i>START</i></p> <p><i>A is acute and B is obtuse</i></p> <p><math>\sin A = \frac{3}{5}, \sin B = \frac{12}{13}</math></p>	$\cos A$	$-\frac{63}{65}$	$\cos(A + B)$
$\frac{4}{5}$	$\cos B$	$-\frac{56}{65}$	$\cos(A - B)$
$-\frac{5}{13}$	$\sin 2A$	$\frac{16}{65}$	$\tan(A + B)$
$\frac{24}{25}$	$\sin 2B$	$-\frac{33}{56}$	$\tan(A - B)$
$-\frac{120}{169}$	$\sin(A + B)$	$-\frac{63}{16}$	$\sec A$
$\frac{33}{65}$	$\sin(A - B)$	$\frac{5}{4}$	$\sec B$

$-\frac{13}{5}$	$\operatorname{cosec} A$	$\frac{65}{16}$	$\cot(A+B)$
$\frac{5}{3}$	$\operatorname{cosec} B$	$-\frac{56}{33}$	$\cos 2A$
$\frac{13}{12}$	$\cot A$	$\frac{7}{25}$	$\cos 2B$
$\frac{4}{3}$	$\cot B$	$-\frac{119}{169}$	$\tan 2A$
$-\frac{5}{12}$	$\operatorname{cosec}(A+B)$	$\frac{24}{7}$	$\tan 2B$
$\frac{65}{33}$	$\sec(A-B)$	$\frac{600}{595}$	<i>FINISH</i>