

START

A is acute and B is obtuse
 $\sin A = \frac{3}{5}$, $\sin B = \frac{12}{13}$

cos A

<i>sin 2B</i>	$\frac{24}{25}$	<i>sin 2A</i>	$-\frac{5}{13}$	<i>cos B</i>	$\frac{4}{5}$
$-\frac{120}{169}$					
<i>sin(A + B)</i>					
$\frac{33}{65}$	<i>sin(A - B)</i>	$-\frac{63}{65}$	<i>cos(A + B)</i>	$-\frac{56}{65}$	<i>cos(A - B)</i>
					$\frac{16}{65}$
					<i>tan(A + B)</i>
<i>sec B</i>	$\frac{5}{4}$	<i>sec A</i>	$-\frac{63}{16}$	<i>tan(A - B)</i>	$-\frac{33}{56}$

$-\frac{13}{5}$
$\operatorname{cosec} A$

$\cot B$	$\frac{4}{3}$	$\cot A$	$\frac{13}{12}$	$\operatorname{cosec} B$	$\frac{5}{3}$
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$-\frac{5}{12}$
$\operatorname{cosec}(A+B)$

$\frac{65}{33}$	$\sec(A-B)$	$\frac{65}{16}$	$\cot(A+B)$	$-\frac{56}{33}$	$\cos 2A$
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$\frac{7}{25}$
$\cos 2B$

<i>FINISH</i>	$\frac{600}{595}$	$\tan 2B$	$\frac{24}{7}$	$\tan 2A$	$-\frac{119}{169}$
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