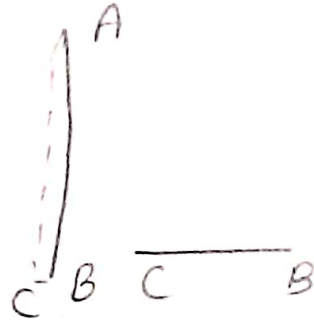
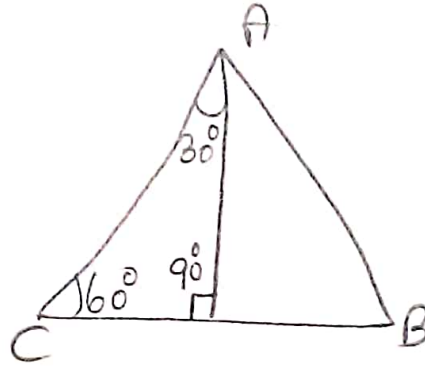
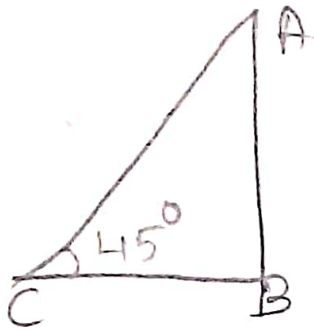


Basics of Trigonometric Ratios



θ	0°	30°	45°	60°	90°
$\sin \theta$	0	$\frac{1}{2}$	$\frac{1}{\sqrt{2}}$	$\frac{\sqrt{3}}{2}$	1
$\cos \theta$	1	$\frac{\sqrt{3}}{2}$	$\frac{1}{\sqrt{2}}$	$\frac{1}{2}$	0
$\tan \theta$	0	$\frac{1}{\sqrt{3}}$	1	$\sqrt{3}$	n.d
$\operatorname{cosec} \theta$	n.d	2	$\sqrt{2}$	$\frac{2}{\sqrt{3}}$	0
$\sec \theta$	0	$\frac{2}{\sqrt{3}}$	$\sqrt{2}$	2	n.d
$\cot \theta$	n.d	$\sqrt{3}$	1	$\frac{1}{\sqrt{3}}$	0