

Worksheet: Introduction to Trigonometry

Kerala State Board · Class 10 · Mathematics · 4 questions · 10 marks

Name: _____	Date: _____	Score: _____ / 10
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Q1. If $\sin A = \frac{3}{5}$, find $\cos A$. *[1 mark]*

Q2. What is $\tan 60^\circ$? *[1 mark]*

Q3. Prove: $(1 - \cos^2)(1 + \cot^2) = 1$. *[3 marks]*

Q4. If $5 \sin \theta = 3$, find the values of $\cos \theta$, $\tan \theta$, $\sec \theta$, $\operatorname{cosec} \theta$, $\cot \theta$. *[5 marks]*