

Worksheet: Introduction to Trigonometry

Uttar Pradesh State Board · Class 10 · Mathematics · 4 questions · 10 marks

Name: _____

Date: _____

Score: _____ / 10

Q1. If $\sin A = 3/5$, 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]
