

Class 10 Mathematics - Introduction to Trigonometry

Name: _____

Date: _____

Medium Worksheet 2

Questions

1. Evaluate $\sin 60^\circ \times \cos 30^\circ$.
2. Evaluate $\tan^2 45^\circ$.
3. Evaluate $\sec^2 45^\circ$.
4. Evaluate $\operatorname{cosec}^2 30^\circ$.
5. Evaluate $\sin^2 45^\circ + \cos^2 45^\circ$.
6. Evaluate $\tan 45^\circ \times \cot 45^\circ$.

Answer Key

1. $\frac{3}{4}$
2. 1
3. 2
4. 4
5. 1
6. 1