

Class 10 Mathematics - Introduction to Trigonometry

Name: _____

Date: _____

Medium Worksheet 3

Questions

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

Answer Key

1. $(\sqrt{3} + 1)/2$
2. 1
3. 4
4. $1/2$
5. 1
6. 1