

Class 10 Mathematics - Some Applications of Trigonometry

Name: _____

Date: _____

Easy Worksheet 4

Questions

1. A tower casts a shadow 20 m long when the angle of elevation of the Sun is 45° . Find the height of the tower.
2. What is the line joining the observer's eye and the object called?
3. What type of triangle is generally formed in height and distance problems?
4. What is the value of $\tan 60^\circ$?
5. What is the value of $\tan 30^\circ$?
6. Which chapter of trigonometry deals with finding inaccessible heights?

Answer Key

1. 20 m
2. Line of sight
3. Right-angled triangle
4. $\sqrt{3}$

5. $1/\sqrt{3}$

6. Some Applications of Trigonometry

