

# Class 10 Mathematics - Introduction to Trigonometry

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Easy Worksheet 1

### Questions

1. Define trigonometry.
2. What is the hypotenuse of a right triangle?
3. Define  $\sin A$ .
4. Define  $\cos A$ .
5. Define  $\tan A$ .
6. What is the reciprocal of  $\sin A$ ?

### Answer Key

1. Trigonometry is the study of relationships between the sides and angles of a triangle.
2. The side opposite the right angle is called the hypotenuse.
3.  $\sin A = \text{Opposite Side} / \text{Hypotenuse}$
4.  $\cos A = \text{Adjacent Side} / \text{Hypotenuse}$
5.  $\tan A = \text{Opposite Side} / \text{Adjacent Side}$
6.  $\text{cosec } A$