

Class 9 Mathematics - I'm Up and Down, and Round and Round

Name: _____

Date: _____

Easy Worksheet 4

Questions

1. What is a circumcircle?
2. What is a triangle inscribed in a circle?
3. Where does the circumcentre of an acute-angled triangle lie?
4. Where does the circumcentre of an obtuse-angled triangle lie?
5. Where does the circumcentre of a right-angled triangle lie?
6. What geometric construction is used to locate the circumcentre of a triangle?

Answer Key

1. A circle passing through all three vertices of a triangle.
2. A triangle whose vertices lie on a circle.
3. Inside the triangle
4. Outside the triangle
5. At the midpoint of the hypotenuse
6. Intersection of the perpendicular bisectors of the sides