

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

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

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

## Easy Worksheet 3

### Questions

1. How many circles can pass through two distinct points?
2. What is the locus of points equidistant from two given points?
3. What is the perpendicular bisector of a line segment?
4. Can a circle pass through three non-collinear points?
5. How many circles pass through three non-collinear points?
6. What is the centre of such a circle called?

### Answer Key

1. Infinitely many
2. The perpendicular bisector of the segment joining the points.
3. A line that divides a segment into two equal parts at  $90^\circ$ .
4. Yes
5. One
6. Circumcentre