

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

Name: _____

Date: _____

Medium Worksheet 4

Questions

1. How many circles can pass through two distinct points?
2. How many circles can pass through three non-collinear points?
3. What geometric construction helps locate the centre of such a circle?
4. What is the centre called?
5. Can three collinear points lie on the same circle?
6. Why or why not?

Answer Key

1. Infinitely many
2. One
3. Perpendicular bisectors
4. Circumcentre
5. No
6. A circle cannot pass through three collinear points.