

# High School Math & Statistics Activity

**Topic:** Coordinate Geometry

## **Objective**

Students explore and understand coordinate geometry concepts.

## **Materials**

- Notebook
- Calculator
- Graph paper
- Ruler
- Markers

## **Activity Steps**

1. Introduce coordinate geometry.
2. Solve guided examples.
3. Practice in groups.
4. Record solutions.
5. Present results.

## **Observation / Notes**

Problem	Solution/Notes

## **Discussion Questions**

- What is coordinate geometry?
- Where is it applied?
- What did you learn?
- Why is it useful?

## **Extension Activity**

Create a real-life example using coordinate geometry and present.

## Coordinate Geometry Diagram



$(x,y)$