

# High School Math & Statistics Activity

**Topic:** Linear Equations

**Objective**

Students explore and understand linear equations concepts.

**Materials**

- Notebook
- Calculator
- Graph paper
- Ruler
- Markers

**Activity Steps**

1. Introduce linear equations.
2. Solve example problems.
3. Work in groups to complete tasks.
4. Record observations and solutions.
5. Present findings.

**Observation / Notes**

Problem	Solution/Notes

**Discussion Questions**

- What is linear equations?
- Where is it used in real life?
- What challenges did you face?
- How can this help in careers?

**Extension Activity**

Create a real-life example using linear equations and present to class.

## Linear Equations Diagram

$$y = 2x + 1$$