

Name \_\_\_\_\_



## Rainfall Investigation

**Directions:** Use the data table to answer each question. Show your work.

### School Garden Rainfall

| Week | Rainfall (cm) |
|------|---------------|
| 1    | 2.4           |
| 2    | 3.1           |
| 3    | 1.8           |
| 4    | 4.5           |

1. How much rain fell during Weeks 1 and 2 altogether?

2. How much more rain fell in Week 4 than in Week 3?

3. What was the total rainfall for all four weeks?

4. If the total rainfall was shared equally across 4 weeks, what was the average rainfall per week?

5. A plant needs 10.0 cm of rain to grow well. After four weeks, how many more centimeters of rain are needed?

6. Rain gauges hold 2.0 cm of water each. How many full rain gauges could be filled using the rain from Week 4?

7. During Weeks 2 and 3, 0.9 cm of water evaporated. How much rain remained after evaporation?

8. Another garden received 11.2 cm of rain over the same four weeks. How many centimeters more rain did it receive than the school garden?