

Rainfall Investigation Answer Key

- 1) $2.4 + 3.1 = 5.5$ cm
- 2) $4.5 - 1.8 = 2.7$ cm
- 3) $2.4 + 3.1 + 1.8 + 4.5 = 11.8$ cm
- 4) $11.8 \div 4 = 2.95$ cm
- 5) 11.8 cm is greater than 10.0 cm. 0 cm more needed.
- 6) $4.5 \div 2.0 = 2$ full rain gauges
- 7) $(3.1 + 1.8) - 0.9 = 4.0$ cm
- 8) $11.2 - 11.8 = -0.6$ cm, so the other garden received 0.6 cm less (or 0 cm more). Accept: 0.6 cm less.

Teacher's Guide

- Review how to read values from a table before solving the problems.
- Encourage students to identify the operation needed before calculating.
- Have students underline the numbers they use from the table to reduce errors.
- Support students by allowing calculators after they have written the correct equation.
- Ask pairs to explain how they found the answer to one problem using the table.
- Extend the lesson by having students create a four-row data table with decimal values and write two word problems for a classmate to solve.