

Subtracting Data Answer Key

1. 2.60 cm
2. 3.40 cm
3. 1.55 cm
4. 1.55 cm
5. 0.80 cm
6. 4.95 cm
7. 1.05 cm
8. Plants C and D, or Plants D and E; 1.55 cm
9. Plants C and B; 4.95 cm
10. Yes. The actual difference is 1.05 cm, so saying "about 2 cm" is not reasonable. The correct difference is 1.05 cm.

Teacher's Guide

- Review how to read values from a data table before solving.
- Remind students to subtract the smaller measurement from the larger measurement when finding a difference.
- Encourage students to line up decimal points when computing.
- Have students estimate each difference before finding the exact answer.
- Pair students to compare strategies for identifying the smallest and greatest differences.
- Support students by highlighting the two values they need to compare for each question.
- Challenge advanced students to write two additional comparison questions using the table.
- Extend the activity by having students collect their own measurement data and create a similar table for classmates to analyze.