

Name _____

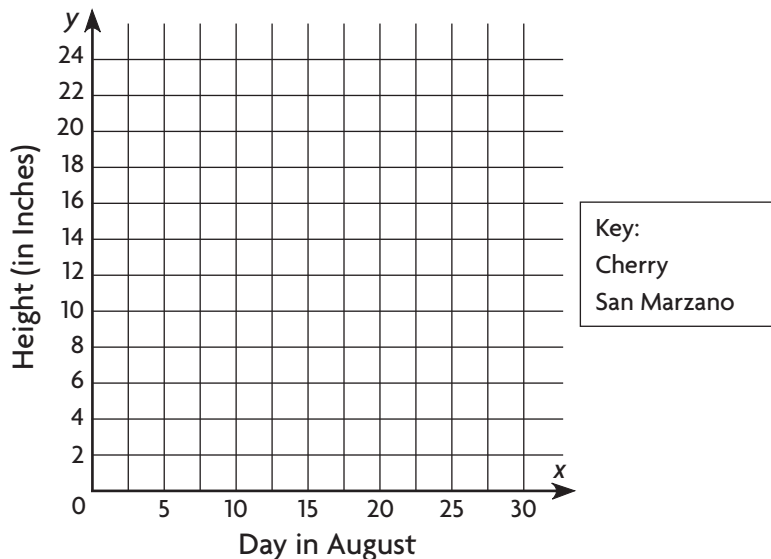
Graphing and Analyzing Tomato Plant Data

Rafael has two plants: a cherry tomato plant and a San Marzano tomato plant. Every 5 days in August, Rafael records the height of his cherry tomato plant. He knows that the San Marzano tomato plant grows exactly 2 inches every 5 days.

| Day in August | Cherry Plant Height (in inches) | San Marzano Plant Height (in inches) |
|---------------|---------------------------------|--------------------------------------|
| 5 | 6 | 8 |
| 10 | 10 | |
| 15 | 14 | |
| 20 | 15 | |
| 25 | 18 | |
| 30 | 23 | |

- Graph Rafael's cherry tomato plant data on the coordinate grid.
- Complete the table above by filling in the height of the San Marzano plant.
- Use the completed table. Graph Rafael's San Marzano tomato plant data on the same coordinate grid. You may want to use a different color than you used in Exercise 1.

Heights of Rafael's Tomato Plants



4. Stretch Your Thinking What do you notice about the two sets of data you graphed?
