

4.19 How high?

Topic: Measurement

Subtopic: Length

Activity type/skill: Reading line graphs

Literacy focus: Reading

Genre: Mathematical problems

Objective

- Read and interpret line graphs.

What you need

- Student worksheet (see next page)

What to do

1. Look at the student worksheet and talk about the line graph.
2. Have students find the vertical and horizontal axes as they did for the bar graph.
3. Have students compare the bar graph and the line graph and describe the differences.
4. Have them complete the questions, then mark one another's work. Warn them that there are a variety of number, Yes/No and word answers. They will need to read carefully and distinguish between question types.
5. Discuss any differences and talk about them until the correct answer is agreed.

Answers:

10 mm

No

Week 1

4 weeks

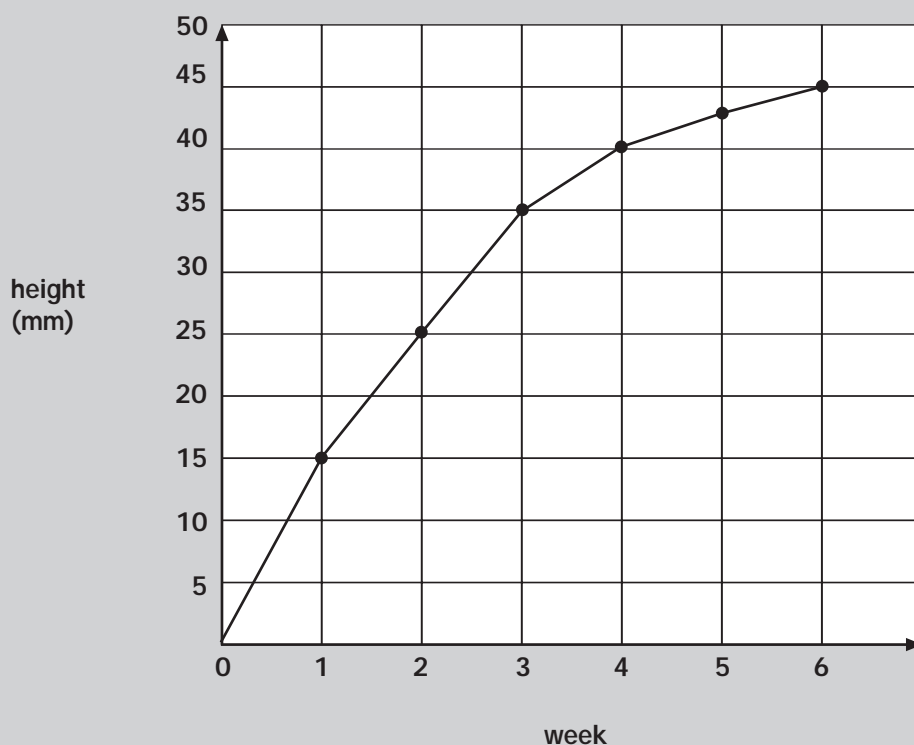
43 mm

Activity nineteen

Reading line graphs

The height of a plant was measured at the end of each week for six weeks.

Graph of plant height



How tall was the plant at the end of week 2?

25 mm

Try these

How much did the plant grow in week 3? _____

Was the growth in week 3 greater than in week 5? _____

In which week did the plant grow the most? _____

After how many weeks was the plant 40 mm high? _____

How tall was the plant at the end of week 5? _____