

4.18 How tall?

Topic: Measurement

Subtopic: Length

Activity type/skill: Reading bar graphs

Literacy focus: Reading

Genre: Mathematical problems

Objective

- Read and interpret bar graphs.

What you need

- Student worksheet (see next page)

What to do

1. Look at the student worksheet and talk about bar graphs.
2. Show students how a set of facts on the vertical axis can be matched with facts on the horizontal axis to give information.
3. Have them complete the questions, then mark one another's work.
4. Discuss any differences and talk about them until the correct answer is agreed.

Answers:

False

True

False

False

True

True

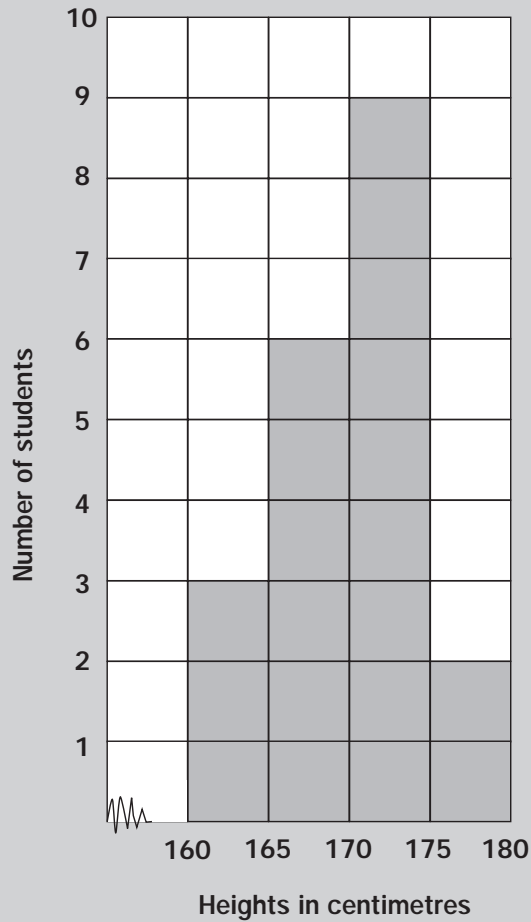
Extending the activity

- Have students ask and answer more questions using the graph. Have students make their own graphs. They could use the same information they used to construct tables in Activity 4.16 such as how they travel to school, what sport they play or what TV programmes they like.

Activity eighteen

Reading bar graphs

Heights in a class of 16-year-old boys.



All the boys are more than 160 cm.

True

False

Try these

The smallest number of boys are between 170 cm and 175 cm.

True

False

The tallest boys are more than 175 cm.

True

False

Six boys are less than 165 cm.

True

False

Most boys are between 165 cm and 170 cm.

True

False

There are 20 boys in the class.

True

False

The number of boys over 175 cm is less than the number under 165 cm.

True

False