

Converting and comparing heights

Sheet 1

Look at the data in the table and answer the questions below. Start with the bronze questions. See how far you can get through the silver and gold questions.

Name	Height in cm	Height in m and cm
Khalil	130cm	
Amy	120cm	
Alice	125cm	
Harry	123cm	
Freya	133cm	
Jasmine	139cm	
Ben	141cm	

Bronze

Can you convert the heights of the children from cm into m and cm?

Can you sort the children into height order from shortest to tallest?

How many children are taller than Freya? How many are shorter?

Silver

Who is 10cm taller than Harry?

Who is 5cm shorter than Khalil?

What is the height difference between the tallest and shortest child?

Gold

Name three pairs of children who have a difference in height greater than 4cm.

Name two pairs of children who have a difference in height less than 3cm.

Name one pair of children who have a difference in height of exactly 7cm.

Challenge

If the two shortest and the two tallest children lay head-to-toe along the floor, how long a line would they make? Give the answer in metres and centimetres.