17th October

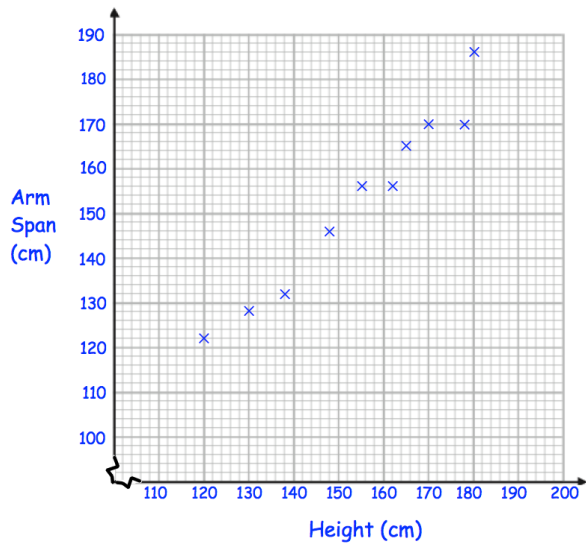The scatter graph shows information about the heights and arm spans of ten students in a school.

Another student has a height of 150cm.
Estimate the arm span of this student.

Another student has an arm span of 140cm.
Estimate their height

Rebecca drove 9 miles in 7 minutes. Work out her speed, in miles per hour.

A radioactive substance decays over time.
Every year its mass decreases by 14%.

How many years will it take for 500kg of the substance to decay to a mass less than 100kg?

Calculate the mass of a piece of metal that has a volume 50cm³ and density 3.8g/cm³