



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 20%.

How many years will it take for 500kg of the substance to decay to a mass less than 10kg?

Calculate the mass of a piece of metal that has a volume 80cm^3 and density 7.45g/cm^3