8 A block of wood has a mass of 3.5 kg.
The wood has density 0.65 kg/m^3

(a) Work out the volume of the block of wood.
Give your answer correct to 3 significant figures.

m^3

(3)

(b) Change a speed of 630 kilometres per hour to a speed in metres per second.

m/s

(3)

(Total for Question 8 is 6 marks)

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