

1 Make estimates of the following quantities.

(a) the speed of sound in air

speed = ..... [1]

(b) the density of air at room temperature and pressure

density = ..... [1]

(c) the mass of a protractor

mass = ..... [1]

(d) the volume, in  $\text{cm}^3$ , of the head of an adult person

volume = .....  $\text{cm}^3$  [1]