2 The photograph shows a brass mass.

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(a) State the formula linking density, mass and volume.

(1)

(b) The brass mass has a mass of 454 g.

The density of brass is 8.46 g/cm³.

Calculate the volume of the brass mass.

Give the unit.

(3)

volume = ... unit ....

(Total for Question 2 = 4 marks)