

- 17** 180 g of copper is mixed with 105 g of zinc to make an alloy.

The density of copper is 9 g/cm^3 .

The density of zinc is 7 g/cm^3 .

- (a)** Work out the volume of copper used in the alloy.

(a) cm^3 **[2]**

- (b)** What is the density of the alloy?

(b) g/cm^3 **[4]**