Name: Calculate the density of an object: a) With a mass of 24g and volume 6cm³ Clearly state the units of your answers (a) With a mass of 4kg and volume 500cm³

Calculate the density of an object:	Clearly state the units of your answers
a) With a mass of 24g and volume 6cm³	d) With a mass of 4kg and volume 500cm ³
4g/cm ³	8g/cm³
b) With a mass of 49kg and volume 7m ³	e) With a mass of 6300g and volume 2.1m³
7kg/m³	3kg/m³
c) With a mass of 96g and volume 12cm ³	f) With a mass of 3600g and volume 0.8m³
8g/cm ³	4.5kg/cm³

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Calculate the mass of an object:	
g) With a volume of 5cm³ and density 6g/cm³	j) With a volume of 45cm³ and density 1.5g/cm³
30g	67.5g
h) With a volume of 7m³ and density 9kg/m³	k) With a volume of 4m³ and density 5.4kg/m³
63kg	21.6kg
i) With a volume of 5cm³ and density 24g/cm³	l) With a volume of 7.2m³ and density 3.5kg/m³
120g	35.2kg

1209	00.2Ng
Calculate the volume of an object:	
m) With a mass of 32kg and density 4kg/cm ³	p) With a mass of 1400g and density 2kg/m ³
8cm³	0.7m ³
n) With a mass of 24g and density 3g/cm ³	q) With a mass of 6.6kg and density 12g/cm³
8cm³	550cm ³
o) With a mass of 15.8kg and density 10kg/m³	r) With a mass of 840g and density 0.5g/cm³
1.58m³	1520cm ³



