N236 C	ompound measures 2	
Q1.	<u></u>	
Change	4500 mm ³ into cm ³ .	
		cm
		(Total for question = 2 marks
Q2.		
Write 37	cm ³ in mm ³	

..... mm³

(Total for question = 1 mark)

Q3.	
Change 2 m ³ to cm ³ .	
	cm ³
	(Total for question = 2 marks)
Q4.	
A rectangle has an area of 4 m ^{2.}	
Write this area in cm ² .	
	cm ²
	(Total for question = 2 marks)

..... newtons/m²

(Total for question = 2 marks)

Q1.	
Zahra mixes 150g of metal A and 150g of metal B to make 300g of an alloy. Metal A has a density of 19.3g/cm³. Metal B has a density of 8.9g/cm³.	
Metal A has a density of 19.3g/cm³. Metal B has a density of 8.9g/cm³. Work out the density of the alloy.	
g/cm	
(Total for question = 4 marks	;)

Q8.
Jade makes an orange drink by mixing orange concentrate with water. She mixes 15 cm³ of orange concentrate with 250 cm³ of water.
The density of orange concentrate is 1.20 g/cm ³ . The density of water is 1.00 g/cm ³ .
Work out the density of Jade's orange drink. Give your answer correct to 2 decimal places.

(Total for question = 3 marks)

.....g/cm³

Q3.
The densities of two different liquids A and B are in the ratio 19:22 The mass of 1 cm ³ of liquid B is 1.1 g.
5 cm ³ of liquid A is mixed with 15 cm ³ of liquid B to make 20 cm ³ of liquid C. Work out the density of liquid C.
g/cm ³
(Total for question is 4 marks)

Q10.

Liquid A and liquid B are mixed together in the ratio 2: 13 by volume to make liquid C.
Liquid A has density 1.21 g/cm ³
Liquid B has density 1.02 g/cm ³
A cylindrical container is filled completely with liquid C.
The cylinder has radius 3 cm and height 25 cm.
Work out the mass of the liquid in the container.
Give your answer correct to 3 significant figures. You must show all your working.
Tou must snow all your working.
~
g

(Total for question = 4 marks)