

Unit Conversions Mark Scheme

1(a)	Feet	[1]
1(b)	200 millimetres	[1]
1(c)	100 000 mg	[1]
1(d)	1.1 km	[1]
2(a)	4000 mm; 1060 mm; 1 mm	[1]
	0.8m; 11.047 m	[1]
2(b)	1 l, 0.001 l	[1]
	500 ml , 6000 ml	[1]
3(a)	0.0001 km, 0.5 km	[1]
	50,000 cm , 200000cm	[1]
3(b)	7200 s, 720 s	[1]
	0.35 hrs, $\frac{5}{24}$ hrs	[1]
4(a)	0.1 m ² , 0.05 m ² , 5 m ²	[1]
	20,000 cm ² , 1000 cm ²	[1]
4(b)	0.001 m ³ , 1 m ³ , 0.0002 m ³	[1]
	1,000,000 cm ³ 600000 cm ³	[1]
5(a)	3.6, 1800 , 180000 km/hr	[1]
	0.56, 0.028 m/s	[1] o.e.
5(b)	1000, 100, 20000 kg/m ³	[1]
	0.005 0.0001 g/cm ³	[1]

6		Metric	Imperial
	The width of Europe	km	miles
	The weight of a goldfish	grams	ounces
	The volume of a tea cup	ml	Fluid ounces
	The weight of a human	kg	stone
	The width of a football.	cm	inches
	A marathon	km	miles
	The weight of a shoe	grams	ounces
	The volume of a car petrol tank	litres	gallons

[5] (1 mark lost per incorrect answer)

END