

Conversions Mark Scheme		
1(a)	87×0.393701	[1] Correct multiplication
	$= 34.25$ inches	[1] Final answer
2(a)	$3 \times 24 \times 60$	[1] Correct multiplication
	$= 4320$ minutes	[1] Final answer
2(b)	365×24	[1] Correct multiplication
	$= 8760$ hours	[1] Final answer
3	$357 \times 0.8 = \text{£}285.60$	[1] Correct multiplication
	$\text{£}280$	[1] Answer rounded down to nearest $\text{£}10$
4(a)	$\frac{1}{0.91} = 1.0989$	[1] Calculation
	$\text{£}1 = \text{€}1.10$	[1] Final answer
4(b)	$\text{£}250 = \text{€} 275$	[1] Converting currency to Euros
	$\text{€}41.25$ left	[1] Finding 15% of $\text{€} 275$
5(a)	$\frac{1}{0.219969} = 4.546095 \dots$	[1] Calculation
	4.55 gallons	[1] Final answer
5(b)	10×0.219969	[1] Correct multiplication
	$= 2.20$ gallons	[1] Answer to 2 d.p.
5(c)	$5 \times 0.219969 = 1.1$ gallons Eric has 2.1 gallons in total.	[1] Conversion to gallons or litres for comparison.
	Bobby has more	[1] Final answer
6	$840 \text{ km} \times \frac{5}{8} = 525$ miles	[1] Correct conversion
	$1.15 \times 4.5 = \text{£}5.175$ per gallon	[1] Correct conversion
	$\frac{525}{60} = 8.75$ gallons	[1] Number of gallons required for the trip
	$\text{£}5.175 \times 8.75 = \text{£}45.28 = \text{£}45$	[1] Cost to the nearest pound

END