Compound Measures Revision

(a)	(b)	(c)	(d)
Convert $725\ cm$ into metres.	Convert $1.3\ litres$ into ml.	Change $13\ m^2$ into cm^2.	Change $540\ 000\ cm^3$ into m^3.
(e)	**(f)**	**(g)**	**(h)**
A pressure of $60\ N/m^2$ is exerted on a surface of area $1.5\ m^2$. Calculate the force on the surface.	The density of a metal with a mass of $56.84\ g$ is $2.8\ g/cm^3$. Find the volume of the metal.	Tia sets off on a drive at 9.30am. She drives for 114 km and arrives at her destination at 11am. Find her average speed.	A plane travels for 5 hours 45 minutes at an average speed of $625\ km/h$. Find the distance travelled to the nearest km.
(i)		**(j)**	**(k)**
The Eurostar train travels $492\ km$ from London to Paris at a speed of $220\ km/h$. Find the time taken for the journey, in hours and minutes, to the nearest minute.		Convert $18\ m/s$ to a speed in km/h.	Convert $660\ km/h$ to a speed in m/s.
(l)		**(m)**	
Zeeshan sets off at 10.30am and drives from A to B at a speed of $57\ km/h$. The distance from A to B is $38\ km$. He then travels from B to C, a distance of $108\ km$. At what speed must Zeeshan travel from B to C in order to reach C at 12.30pm?		A metal cylinder has a height of $15\ cm$ and a mass of $768\ g$. The density of the cylinder is $3.2\ g/cm^3$. Find the radius of the cylinder, to 3 significant figures.	