**Compound Measures Revision**

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| **(a)** | **(b)** | **(c)** | **(d)** |
| Convert into metres. | Convert into . | Change into . | Change into . |
| **(e)** | **(f)** | **(g)** | **(h)** |
| A pressure of is exerted on a surface of area . Calculate the force on the surface. | The density of a metal with a mass of is . 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 . Find the distance travelled to the nearest km. |
| **(i)** | | **(j)** | **(k)** |
| The Eurostar train travels from London to Paris at a speed of . Find the time taken for the journey, in hours and minutes, to the nearest minute. | | Convert to a speed in . | Convert to a speed in . |
| **(l)** | | **(m)** | |
| Zeeshan sets off at 10.30am and drives from A to B at a speed of . The distance from A to B is . He then travels from B to C, a distance of . 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 and a mass of . The density of the cylinder is . Find the radius of the cylinder, to 3 significant figures. | |