## What you need to know:

Using Google maps to plan an extensive journey:


## Tips for planning a good journey:

- Decide how far you would like to travel, then look for additional places you would like to stop in along the way;
- Remember to plan regular rest stops
- Check planner road works and consider their effects on your journey
- Leave plenty of time for additional rest breaks or for any unforeseen circumstances.


## Working out areas:

Area of a rectangle $=$ height x width; $\mathrm{cm}^{2}$

## Working out volumes:

Volume of a rectangular box $=$ length x height x width; $\mathrm{cm}^{3} \quad$ Volume of a cube $=$ side $^{3} ; \mathrm{cm}^{3}$

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\text { Volume of a cylinder }=\pi \times \text { radius }^{2} \times \text { height } ; \mathrm{cm}^{3}
$$

## Vocabulary

Data display - a visual representation of data, such as graphs and charts
Solid shapes - three-dimensional objects (3D); solid shapes have a width, a height and a depth
Nets of shapes - a term used to describe what a 3D shape looks like if it was opened out and laid flat or unfolded
Quadrilateral - a four-sided polygon
Polygon - a plane figure with at least three straight sides and angles
Properties of figures - details about angles and number of sides

