 Area estimation

During this activity, will use areas and ratios to compare the sizes of states around Australia using estimated and exact areas.



Task

1. If Victoria is a size of 1, estimate the area of each state in terms of the area of Victoria:
	1. NSW
	2. Tasmania
	3. Western Australia
2. If Victoria is a size of 1, estimate the area of each again by cutting out the copies of Victoria and overlaying:
	1. NSW
	2. Tasmania
	3. Western Australia

You may like to use the cut-outs below for question 2













1. Use a grid to try to improve your estimate.
2. Find the true areas of compared to Victoria: Refer to the [Governments table](https://www.ga.gov.au/scientific-topics/national-location-information/dimensions/area-of-australia-states-and-territories).

Extension

If Australia is an area of 1, find the area of its states and territories.

Outcome

Operates with ratios and rates, and explores their graphical representation MA4-7NA

All outcomes referred to in this unit come from [Mathematics K-10 Syllabus](https://educationstandards.nsw.edu.au/wps/portal/nesa/k-10/learning-areas/mathematics/mathematics-k-10) © NSW Education Standards Authority (NESA) for and on behalf of the Crown in right of the State of New South Wales, 2012