

Area of Australia, Its States and Territories

3. (a) Use the internet or another source to find the area (in km^2) of each state and territory of Australia.
 (b) Round each of the areas to the nearest 1000 km^2 .
 (c) Use these rounded areas to find the total area of Australia.

<i>State or Territory</i>	<i>Exact Area (km^2)</i>	<i>Rounded Area (km^2)</i>
<i>Australian Capital Territory</i>	2358	2000
<i>New South Wales</i>	800 628	801 000
<i>Northern Territory</i>	1 335 742	1 336 000
<i>Queensland</i>	1 723 936	1 724 000
<i>South Australia</i>	978 810	979 000
<i>Tasmania</i>	64 519	65 000
<i>Victoria</i>	227 010	227 000
<i>Western Australia</i>	2 526 786	2 527 000
<i>Total Area of Australia</i>		7 661 000

4. Use the rounded figures above to calculate what percentage of Australia's area is each of the states and territories. (The ACT is too small to record). Give answers correct to *one decimal place*.

<i>New South Wales</i>	<i>Northern Territory</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Tasmania</i>	<i>Victoria</i>	<i>Western Australia</i>
10.5%	17.4%	22.5%	12.8%	0.8%	3.0%	33.0%

5. If Tasmania's area is *1 unit* calculate the area (number of units) of each of the other states and territories. Give answers correct to *one decimal place*.

<i>New South Wales</i>	<i>Northern Territory</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Tasmania</i>	<i>Victoria</i>	<i>Western Australia</i>
12.3	20.6	26.5	15.1	1	3.5	38.9