

## Manipulating Surds

<b>(a)</b>	<b>(b)</b>	<b>(c)</b>	<b>(d)</b>
Simplify $2\sqrt{5} + 3\sqrt{5}$	Simplify $6\sqrt{5} + 5\sqrt{5}$	Simplify $2\sqrt{5} - 3\sqrt{5}$	Simplify $7\sqrt{3} - 3\sqrt{3}$
<b>(e)</b>	<b>(f)</b>	<b>(g)</b>	<b>(h)</b>
Simplify $2\sqrt{3} + 3\sqrt{2}$	Simplify $7\sqrt{10} + 3\sqrt{10} - \sqrt{10}$	Expand $3(6 + \sqrt{5})$	Expand $\sqrt{2}(7 - \sqrt{3})$
<b>(i)</b>	<b>(j)</b>	<b>(k)</b>	<b>(l)</b>
Expand $5\sqrt{2}(3 - \sqrt{7})$	Expand and simplify $(3 + \sqrt{2})(6 + \sqrt{2})$	Expand and simplify $(3 + \sqrt{7})(5 - \sqrt{7})$	Expand and simplify $(4 + 3\sqrt{5})(2 - \sqrt{5})$