# Trends in the solubility of metal halides – a microscale experiment

**Student worksheet**

<table>
<thead>
<tr>
<th></th>
<th>Silver nitrate solution</th>
<th>Lithium bromide solution</th>
<th>Calcium nitrate solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluoride ions</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Chloride ions</td>
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<td></td>
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<tr>
<td>Bromide ions</td>
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<td></td>
<td></td>
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<tr>
<td>Iodide ions</td>
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</tbody>
</table>