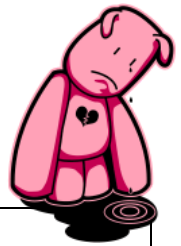


Linear Relations and Equations



For each concept you need to tick **one** box in the EXERCISES column and **all three** boxes in the BOUND REFERENCE column.

Concept	Exercises	Bound Reference
How to identify variables and values and the ability to substitute values into a formula and perform calculations	<p>Exercise 3A</p> <p>Entry: 1, 2, 4ab, 5a, 6a, 7a <input type="checkbox"/></p> <p>Expected: 1,4, 5c, 6a, 7d, 8ab, 9, 10b, <input type="checkbox"/></p> <p>Expected+: 1,4, 5c, 6a, 7d, 8ab,10a, 11b <input type="checkbox"/></p>	<p>Concept <input type="checkbox"/></p> <p>How to <input type="checkbox"/></p> <p>Example(s) <input type="checkbox"/></p>
Knowledge of how to construct a table of values both by hand and using CAS.	<p>Exercise 3B</p> <p>Entry: 1, 2, 5, 6 <input type="checkbox"/></p> <p>Expected: 1, 2, 4, 6, 7 <input type="checkbox"/></p> <p>Expected+: 1, 2, 4, 6, 8 <input type="checkbox"/></p>	<p>Concept <input type="checkbox"/></p> <p>How to <input type="checkbox"/></p> <p>Example(s) <input type="checkbox"/></p>
Solving linear equations with one unknown	<p>Exercise 3C</p> <p>Entry: $\frac{1}{2}$ 1, $\frac{1}{2}$ 2,3, $\frac{1}{2}$ 5 <input type="checkbox"/></p> <p>Expected: $\frac{1}{2}$ 1, $\frac{1}{2}$ 2,3, $\frac{1}{2}$ 4, $\frac{1}{2}$ 5 <input type="checkbox"/></p> <p>Expected+: $\frac{1}{2}$ 1, $\frac{1}{2}$ 2,3,4,5 <input type="checkbox"/></p>	<p>Concept <input type="checkbox"/></p> <p>How to <input type="checkbox"/></p> <p>Example(s) <input type="checkbox"/></p>
Solving literal equations	<p>Exercise 3E</p> <p>Entry: $\frac{1}{2}$ 1, 2, 4, 6, 7 <input type="checkbox"/></p> <p>Expected: 1, 2, 3, 5, 7 <input type="checkbox"/></p> <p>Expected+: $\frac{1}{2}$ 1, 6, 7, 8, 9 <input type="checkbox"/></p>	<p>Concept <input type="checkbox"/></p> <p>How to <input type="checkbox"/></p> <p>Example(s) <input type="checkbox"/></p>
Developing a formula: Setting up linear equations in one unknown	<p>Exercise 3D</p> <p>Entry: 1, 2, 4, 6, 7 <input type="checkbox"/></p> <p>Expected: 1, 2, 3, 5, 8, 9 <input type="checkbox"/></p> <p>Expected+: 2, 3, 5, 6, 10, 12 <input type="checkbox"/></p>	<p>Concept <input type="checkbox"/></p> <p>How to <input type="checkbox"/></p> <p>Example(s) <input type="checkbox"/></p>
Developing a Formula: Setting up linear equations in two unknowns	<p>Exercise 3F</p> <p>Entry: 1, 3, 5, 6 <input type="checkbox"/></p> <p>Expected: 2, 4, 6, 8 <input type="checkbox"/></p> <p>Expected+: 3, 7, 8, 9, 10 <input type="checkbox"/></p>	<p>Concept <input type="checkbox"/></p> <p>How to <input type="checkbox"/></p> <p>Example(s) <input type="checkbox"/></p>
Transposition of formulas	<p>Exercise 3H</p> <p>Entry: 1ace & 2 <input type="checkbox"/></p> <p>Expected: 1 & 2 <input type="checkbox"/></p> <p>Expected+: 1, 2 & 3 <input type="checkbox"/></p>	<p>Concept <input type="checkbox"/></p> <p>How to <input type="checkbox"/></p> <p>Example(s) <input type="checkbox"/></p>
Solving simultaneous linear equations using a CAS Calculator	<p>Exercise 3K</p> <p>Entry: $\frac{1}{2}$ 1 <input type="checkbox"/></p> <p>Expected: 1 <input type="checkbox"/></p> <p>Expected+: 1 <input type="checkbox"/></p>	<p>Concept <input type="checkbox"/></p> <p>How to <input type="checkbox"/></p> <p>Example(s) <input type="checkbox"/></p>

<p>Practical applications of simultaneous equations</p>	<p><u>Exercise 3L</u> <u>Entry:</u> 1-5 <u>Expected:</u> 5-10 <u>Expected+:</u> 11-16</p>	<p>Concept <input type="checkbox"/> How to <input type="checkbox"/> Example(s) <input type="checkbox"/></p>
<p>Problem solving and modeling</p>	<p><u>Exercise 3M</u> <u>Entry:</u> 1,2 <u>Expected:</u> 2,3 <u>Expected+:</u> 2,3,4</p>	<p>Concept <input type="checkbox"/> How to <input type="checkbox"/> Example(s) <input type="checkbox"/></p>