

# Maths Workout - Algebra & Problem Solving

<b>Topic 7 - Algebraic Modelling</b>				
<b>Target 1</b>	<b>Target 2</b>	<b>Target 3</b>	<b>Target 4</b>	<b>Target 5</b>
<i>Use algebraic modelling to solve a single-stage problem</i>	<i>Use algebraic modelling to solve a 2-stage problem</i>	<i>Use algebraic modelling to solve a 2-stage problem</i>	<i>Use algebraic modelling to solve a 3-stage problem including the use of brackets</i>	<i>Use algebraic modelling to solve a 3-stage problem including the use of brackets</i>
1. Demo: Use algebraic modelling to solve a single-stage 'I think of a number problem'	1. Demo: Using algebraic modelling to solve a 2-stage problem	1. Demo: Use algebraic modelling to solve a 2-stage 'I think of a number problem'	1. Demo: Use algebraic modelling to solve a 3-stage 'I think of a number problem'	1. Demo: Use algebraic modelling to solve a 3-stage 'I think of a number problem'
2. Use algebraic modelling to solve a single-stage 'I think of a number problem': adding and subtracting	2. Use algebraic modelling to solve a 2-stage problem: money in 5p steps	2. Use algebraic modelling to solve a 2-stage 'I think of a number problem'	2. Use algebraic modelling to solve a 3-stage 'I think of a number problem': mostly positive coefficients	2. Use algebraic modelling to solve a 3-stage 'I think of a number problem': mostly positive coefficients
3. Use algebraic modelling to solve a single-stage 'I think of a number problem': multiplying and dividing	3. Use algebraic modelling to solve a 2-stage problem: money in 1p steps	3. Use algebraic modelling to solve a 2-stage 'I think of a number problem': more negatives involved	3. Use algebraic modelling to solve a 3-stage 'I think of a number problem': some negative coefficients	3. Use algebraic modelling to solve a 3-stage 'I think of a number problem': some negative coefficients
4. Use algebraic modelling to solve a single-stage 'I think of a number problem'	4. Use algebraic modelling to solve a 2-stage age problem	4. Use algebraic modelling to solve a consecutive number problem		4. Use algebraic modelling to solve mixed 'I think of a number problem' problems
5. Use algebraic modelling to solve a single-stage 'I think of a number problem'		5. Solve mixed problems through algebraic modelling		5. Use algebraic modelling to solve a consecutive number problem
				6. Use algebraic modelling to solve miscellaneous angle problems
				7. Use algebraic modelling to solve miscellaneous age problems