

CHAPTER 10 : EQUATIONS AND INEQUALITIES













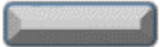
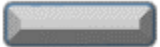
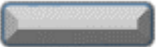
FOUNDATION

Chapter	Title	MyMaths Links
Chapter 10 Equations and Inequalities	10.1 Solving linear equations 1	1154, 1395, 1925
	10.2 Solving linear equations 2	1182, 1928
	10.3 Quadratic equations	1169, 1181
	10.4 Simultaneous equations	1175, 1176, 1319
	10.5 Inequalities	1161, 1162, 1930

HIGHER

CHAPTER	Title	MyMaths Clips
Chapter 10 Equations and Inequalities	10.1 Solving linear equations	1182, 1928, 1929, 1319
	10.2 Quadratic equations	1181, 1160, 1169, 1185
	10.3 Simultaneous equations	1236, 1319, 1177, 1174
	10.4 Approximate solutions	1057
	10.5 Inequalities	1161, 1162, 1189, 1163

SOLVING LINEAR EQUATIONS : Higher and Foundation

Topic	Video Link	Questions Link	Answers Link
Solve equations			
Solve equations with unknowns each side			
Solve equations involving fractions			
Solve equations – Angles / Perimeter.			
Solve equations – Forming and Solving			

MyMaths progression tasks

<https://app.mymaths.co.uk/1733-homework/equations-1-one-step>





















<https://app.mymaths.co.uk/187-homework/equations-2-multi-step>

<https://app.mymaths.co.uk/1734-homework/equations-4-brackets>

<https://app.mymaths.co.uk/188-homework/equations-3-both-sides>

<https://app.mymaths.co.uk/1735-homework/equations-5-fractions>







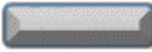
QUADRATIC EQUATIONS : Higher and Foundation

Topic	Video Link	Questions Link	Answers Link
Factorising quadratic expressions. (<i>Recap</i>)			
Solving by factorising to 2mins 47secs (Found)			
Factorising quadratic expressions. (Higher)			
Solving by factorising (Higher).		 	 
Solving by using the Quadratic Formula (H)			
Solving by Completing the Square (Higher)			

MyMaths progression tasks

- <https://app.mymaths.co.uk/1784-homework/quadratic-equations-1>
- <https://app.mymaths.co.uk/192-homework/quadratic-equations-2> (Higher Only)
- <https://app.mymaths.co.uk/194-homework/quadratic-formula> (Higher Only)
- <https://app.mymaths.co.uk/193-homework/completing-the-square> (Higher Only)





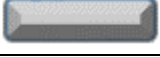









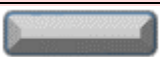
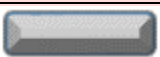
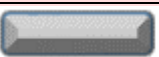



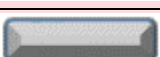

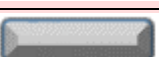
SIMULTANEOUS EQUATIONS : Higher and Foundation

Topic	Video Link	Questions Link	Answers Link
Solve simultaneous equations			
Linear : Substitution (Higher)			
Solve with a linear and non-linear (Higher)			

MyMaths progression tasks

- <https://app.mymaths.co.uk/196-homework/simultaneous-equations-1>
- <https://app.mymaths.co.uk/197-homework/simultaneous-equations-2>
- <https://app.mymaths.co.uk/198-homework/simultaneous-equations-3>
- <https://app.mymaths.co.uk/199-homework/simultaneous-negatives>
- <https://app.mymaths.co.uk/195-homework/quadratic-simultaneous-equs> (Higher Only)

INEQUALITIES : Higher and Foundation

Topic	Video Link	Questions Link	Answers Link
Introduction			
On a number line			
Solve linear with one sign.			
Solve linear with two signs.			
Basic graphical representation			
Solve with a linear and non-linear (Higher)			
Graphical with linear inequalities (Higher)			
Graphical regions (Higher)			
Solve with a linear and quadratic (Higher)			

MyMaths progression tasks

<https://app.mymaths.co.uk/1740-homework/inequalities-and-intervals>

<https://app.mymaths.co.uk/232-homework/inequations>

<https://app.mymaths.co.uk/233-homework/negative-inequations>




<https://app.mymaths.co.uk/234-homework/shading-inequalities>

(Higher Only)

<https://app.mymaths.co.uk/235-homework/quadratic-inequalities>

(Higher Only)

APPROXIMATE SOLUTIONS (ITERATION) : Higher Only

Topic	Video Link	Questions Link	Answers Link
Iteration			

MyMaths progression tasks

<https://app.mymaths.co.uk/711-homework/iteration>

(Higher Only)