

## Chapter 7: Quadratic expressions

Duration: 2 weeks

Date	Topic	Homework 20%	Activity/Investigation 10%
	Expanding algebraic expressions	Ex-7A Fluency: 1adgj, 2adgj, 3adg, 4ad, 5aceg, 8adgj, 9adg, 10adg Understanding: 12, 13, 14 Reasoning: 15, 16	
	Factorising expressions with three terms	Ex-7B Fluency: 1adgjm, 2adgj, 3adgj, 7adgj, 8acegjk Understanding: 9, 10bdf, 11, 12 Reasoning: 15	
	Factorising expressions with two or four terms	Ex-7C Fluency: 1adg, 2adg, 3adg, 4adg, 5abc, 7adg, 8adg, 9aeg, 10ace, 11ace, 12ace, 14 Understanding: 15abcde Reasoning: 16	
	Factorising by completing the square	Ex-7D Fluency: 1adg, 2adg, 3adg, 4adg Understanding: 6, 7 Reasoning: 8	
	Mixed factorisation	Ex-7E Fluency: 1, 4, 7, 10, 13, 16, 19, 22, 25, 28, 31, 34, 37, 40, 43 Understandings: 46, 47acegi	
	Chapter review	Fluency: 1 to 8, 9abcdefghi, 10acegi, 11abcef, 12ace, 13acegi, 14ac, 15agm, 16ace, 17ace, 18abc 1to24 Problem solving 1 & 2	