

Quadratic Functions – Part 1: Week 6

Date	Lesson/Topics	Khan Academy Videos/Exercise Sets		Done?
Mon/ Tues 5/18-19	Live Session: <ul style="list-style-type: none"> • Answer questions from Lesson 3 • Reminder about grade selection – Due Wednesday 			
	Lesson 4: Introduction to factoring	Video	Intro to factors & divisibility (5 min)	
		Article	Intro to factors & divisibility	
		Video	Factoring with the distributive property (3 min)	
		Exercise	GCF factoring introduction (4 prob)	
	Lesson 5: Factoring quadratics intro	Video	Factoring quadratics as $(x+a)(x+b)$ (6 min)	
		Article	Factoring quadratics: leading coefficient = 1	
		Video	Factoring quadratics as $(x+a)(x+b)$ (ex 2) (4 min)	
		Video	More examples of factoring quadratics as $(x+a)(x+b)$ (16 min)	
		Exercise	Factoring quadratics intro (4 prob)	
		Exercise	Factoring quadratics with a common factor (4 prob)	
Article		Factoring simple quadratics review		
Quiz 2	Quadratics: Multiplying & Factoring (5 questions)			
Wed/ Thur 5/20-21	Live Session: <ul style="list-style-type: none"> • Answer questions from Lesson 4 and 5 			
	Lesson 6: Factoring quadratics by grouping	Video	Intro to grouping (13 min)	
		Article	Factoring by grouping	
		Video	Factoring quadratics by grouping (3 min)	
		Article	Factoring quadratics: leading coefficient $\neq 1$	
		Exercise	Factor quadratics by grouping (4 prob)	
		Video	Factoring quadratics: common factor + grouping (4 min)	
		Video	Factoring quadratics: negative common factor + grouping (5 min)	
	Lesson 7: Strategy in factoring quadratics	Video	Strategy in factoring quadratics (part 1 of 2) (7 min)	
		Article	Factoring quadratics in any form	
Fri 5/22	Quiz 3	Multiplying & Factoring (5 pquestions)		
Fri 5/23	Unit Test	Quadratics: Multiplying & Factoring (15 questions)		
Fri 5/23	Homework	Delta Math		