

Math 40 - Homework Assignments - Page 3 - BE SURE TO USE PROPER NOTATION!!

Due	Section	Exercises	Comments
	5.1	3-9, 18, 24, 30, 31, 41, 44, 47, 48, 53, 66, 69, 70, 76-82 even, 83-89 odd	Show steps if multiple steps are needed to simplify completely.
	5.2	3, 8, 13, 14, 21, 22, 24, 39, 43, 44, 47-50 all, 56, 79, 80, 84, 89-95 odd 98-104 even	Show steps if multiple steps are needed to simplify completely.
	5.3	8, 10, 13, 23, 24, 32, 34, 55-65 odd, 68, 69, 76, 79, 81-83	Show steps if multiple steps are needed to simplify completely.
	5.4	2-12 even, 13, 15, 24, 27-30, 33, 35, 37-42 all	Show some steps! Recall, like terms MUST have same variable part in order to be combined.
	5.5	4, 6, 9-12, 15, 19, 22-34 even, 41, 42, 45, 47, 58, 60, 63	Be sure to watch your signs and FOIL when necessary. Re-write squared binomials as one binomial times that same binomial and then FOIL!
	5.6	1-9 odd, 13-15, 18-26 even, 32, 37, 38-44 even, 50, 61, 65	Either use the formulas for special products to expand the multiplication, or FOIL.
	5.7	Skipped	
	5.8	1, 8, 10, 16, 21, 32, 35, 42	Use long division to divide polynomials and make sure to show work!
	6.1	1-7 odd, 19-22, 29, 30, 36, 37-40, 46, 52, 55-57, 64	Prime factor if needed to find the GCF. Watch your signs! First two rules of factoring: Descending order, GCF
	6.2	2, 7, 10-16 even, 28, 29, 35, 45, 50-53, 59, 69	Recall, we are looking for two numbers whose product is $a*c$ and sum is b .
	6.3	1, 10, 18, 19, 35, 37, 41, 48, 50, 54	Recall, we are looking for two numbers whose product is $a*c$ and sum is b , then break down middle term using those two numbers as coefficients, then factor by grouping.
Review Date	Exam #3 ~ Covering Sections 5.1 - 6.3		
	6.4	1-7 odd, 8, 13, 17, 18, 23, 34-40 even, 45, 51, 63	Use formulas or the ac method will always work as well.
	6.6	1-15 odd, 20, 23, 31, 43, 48, 55, 63, 64	Follow factoring flow chart...always factor out the GCF first if it exists.
	6.7	6, 8, 11, 26, 27, 46, 48, 56, 64, 73	We are solving now, not just factoring, so must get the variable by itself. The first step is to get ZERO on one side!!!
	6.8	2, 3, 8, 13, 17, 23	Solve and use the 5-step problem solving process.