

Unit 5: Quadratic Expressions

*P.I.A. = Print in Advance

Fall 2016

MPM 2DI

Day	Date	Topic	Entertainment
43	Mon. Nov. 7	Correct the Unit 4 Review Begin Unit 5: *Print out 5.1 in advance=*P.I.A. 5.1 Multiply Polynomials	Be ready for the Unit 4 Summative tomorrow! p. 218 # 6, 7, 8abce, 10 Enrichment: pp. 218-219 #11, 12abc (in c), use a table of values), 14
44	Tues. Nov. 8	UNIT 4 SUMMATIVE	Complete new Unit 5 homework from yesterday.
45	Wed. Nov. 9	*Print out 5.2 in advance=*P.I.A. 5.2 Special Products	pp. 225-227 #3ad, 4ad, 5ad, 6ad, 8($A = \pi r^2$), 10 (set up a LS and RS chart for 10c), 12, 19d Enrichment: pp. 226-227 #13, 14ab, 16
46	Thurs. Nov. 10	5.3 Common Factors	p. 234 #3, 4, 5*, 6 *answer for 5c is wrong Enrichment: pp. 234-235 #7d, 12, 15 <i>Optional Extra Practice on Website (5.3_E)</i>
47	Fri. Nov. 11 (Remembrance Day)	5.4 Factor $x^2 + bx + c$ (Day1)	pp. 240-241 #3ab, 4ab, 5dg, 6a, 7ab, 8ab, 9ab, 11ab Enrichment: p. 241 #15b, 17b
48	Mon. Nov. 14	Quiz 5.1 on Expanding 5.4 Factor $x^2 + bx + c$ (Day2) *P.I.A.	pp. 240-241 #3cf, 4cf, 5cf, 6b, 7cef, 8d, 9d, 11d
49	Tues. Nov. 15	Quiz 5.2 on Factoring 5.5 Factor $ax^2 + bx + c$ (Day1) *P.I.A.	p.246 #2, 3, 4 Enrichment: p. 247 #17, 18
50	Wed. Nov. 16	5.5 Factor $ax^2 + bx + c$ (Day2) *P.I.A.	pp.246-247 #5abc, 6abc, 11 Enrichment: p. 247 #15, 19
51	Thurs. Nov. 17	5.6 Factor a Difference of Squares and a Perfect Square Trinomial	Read “Key Concepts” on p.253 Worksheet Factoring Practice ID: 1 #1-18 (All worksheet Answers are posted on the Website)
52	Fri. Nov. 18	P.D. Day	
53	Mon. Nov. 21 (Report Cards)	Review Factoring (all types) Factoring Strategies Flow Chart	Worksheet Factoring Practice ID: 2 #1-18 (All worksheet Answers are posted on the Website) <i>Optional Extra Practice: Mixed Factoring #1&2</i>
54	Tues. Nov. 22	6.2 Solve Quadratic Equations	Read “Key Concepts” on p.279 pp. 279-280 #1adg, 2aef (do not produce a formal “check”), 3adef, 4ab, 5bcd, 6 (HINT: common factor first), 7, 8, 14 p.241 #14 p.247 #13 Enrichment: p. 281 #19, 20
55	Wed. Nov. 23	Quiz 5.3, Also on Factoring 4.5 Quadratic Relations of the Form $y = a(x - r)(x - s)$ http://www.youtube.com/watch?v=C8YcqPLAz3A	Read “Key Concepts” on p.191 pp. 192-193 #3, 4abc, 5, 6, 8, 10, 11 Enrichment: p. 193 #12, 13, 15
56	Thurs. Nov. 24	(Graph Paper Required!!) 6.3 Graph Quadratics Using the x-intercepts http://www.youtube.com/watch?v=cSGObgLOu3U (Review of Fractions)	Read “Key Concepts” on p.288 pp. 289-290 #3bd (GRAPH both instead of sketching), 5ac (SKETCH both – don’t graph. Also, look in the answers section instead of using a graphing calculator), 6ab, 10, 12, 14 AND p.241 #13 Enrichment: p. 291 #17 to 20 WORK AHEAD ON THE REVIEW!!!

57	Fri. Nov. 25	(Factoring by Grouping) Take-up homework questions Factoring Review Wkst #1-6	(p. 234 #6) Optional Extra Practice on Website (5.3_E) If asked to factor, factor fully . If it is unfactorable, state this. pp. 256-257 #2a, 9d, 10a, 14b, 16a, 19e Worksheet Factoring Practice ID: 3 #1-18 (All worksheet Answers are posted on the Website)
58	Mon. Nov. 28	Review	If asked to factor, factor fully . If it is unfactorable, state this. p. 257 #15 pp. 258-259 #2b, 3df, 5, 7cd, 8abc, 10a, 12, 13ab, 15a, 16a (HINT In 16a, the question is expressed as a difference of squares!) Optional Worksheet: Mixed Factoring #4 p. 203 #7a (MAKE A GRAPH ON GRID PAPER), 8 (JUST SKETCH IN PART a) – NO GRID REQUIRED) p. 205 #7 (JUST SKETCH IN PART a) – NO GRID) p. 316 #4c (NO “CHECK”), 5cd, 7cde (GRAPH ON GRID PAPER)
59	Tues. Nov. 29	Correct the Unit 5 Review Begin Unit 6: 6.1 Maxima and Minima – Completing the Square Part 1	Be ready for Unit 5 Summative tomorrow! Read p.267 Ex. 2, Method 1: Complete the Square pp. 270-272 #4c, 5, 6a, 8abce, 17ab, 19 Enrichment: pp. 272-273 #17d, 27
60	Wed. Nov. 30	UNIT 5 SUMMATIVE	Complete yesterday's homework

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