

Unit 5: Quadratic Expressions

*P.I.A. = Print in Advance

MPM 2DI

Spring 2016

Day	Date	Topic	Entertainment
43	Mon. Apr. 18	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. Apr. 19	UNIT 4 SUMMATIVE	Complete new Unit 5 homework from yesterday.
45	Wed. Apr. 20	*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. Apr. 21	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>
	Fri. Apr. 22	P.D. Day	
47	Mon. Apr. 25	Quiz 5.1 on Expanding 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	Tues. Apr. 26	5.4 Factor $x^2 + bx + c$ (Day2) *P.I.A.	pp. 240-241 #3cf, 4cf, 5cf, 6b, 7cef, 8d, 9d, 11d
49	Wed. Apr. 27	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	Thurs. Apr. 28 (Report Cards)	5.5 Factor $ax^2 + bx + c$ (Day2) *P.I.A.	pp.246-247 #5abc, 6abc, 11 Enrichment: p. 247 #15, 19
51	Fri. Apr. 29	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	Mon. May 2	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>
53	Tues. May 3	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
54	Wed. May 4	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
55	Thurs. May 5	(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 p.241 #13 Enrichment: p. 291 #17 to 20 WORK AHEAD ON THE REVIEW!!!

56	Fri. May 6	(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)
57	Mon. May 9	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!) <i>Optional Worksheet: Mixed Factoring #4</i> 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)
58	Tues. May 10	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
59	Wed. May 11	UNIT 5 SUMMATIVE	Complete yesterday’s homework

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