

# Unit 6: Quadratic Equations

MPM 2DI

Fall 2016

Day	Date	Topic	Entertainment
60	Tues. Nov. 29	Correct the Unit 5 Review Begin Unit 6: 6.1 Maxima and Minima – Completing the Square (Day1)	Be ready for <b>Unit 5 Summative tomorrow!</b> <b>Read p.267</b> Ex. 2, Method 1: Complete the Square pp. 270-272 #4c, 5, 6a, 8abce, 17ab, 19 <b>Enrichment:</b> pp. 272-273 #17d, 27
61	Wed. Nov. 30	<b>UNIT 5 SUMMATIVE</b>	Complete yesterday's homework
62	Thurs. Dec. 1	6.1 Maxima and Minima – Completing the Square (Day2)	Worksheet #1 to 6 <b>Enrichment:</b> #7 to 10
63	Fri. Dec. 2	6.4 The Quadratic Formula (Day1)  (Review of Fractions)	YOU MUST USE THE QUADRATIC FORMULA LEARNED TODAY. p. 300 #1*, 2* * in the Answers section there are typos: whenever you come across a semi-colon (;) replace it with this symbol: $\pm$ <b>Enrichment:</b> p. 302 #16
64	Mon. Dec. 5	<b>Quiz 6.1</b> (Completing the Square) 6.4 The Quadratic Formula (Day2)	pp. 300-301 #3bce, 4c, 6, 9bd p. 300 (top) #C2 <b>Enrichment:</b> p. 302 #14
65	Tues. Dec. 6	6.5 Solve Problems Using Quadratic Equations (Day1)	pp. 312-313 #4, 5, 6, 9, 11, 13 <b>Enrichment:</b> pp. 455-457 #39, 41, 54, 53a
66	Wed. Dec. 7 (Girls' Night In)	6.5 Solve Problems Using Quadratic Equations (Day2)	<b>Read p. 307</b> Ex. 2, Width of a Path pp. 313-314 #18, 19, 21, 22 <b>Enrichment:</b> pp. 452-453 #22, 30
67	Thurs. Dec. 8	<b>Quiz 6.2</b> (Quadratic Formula-Formative?)  Review	<i>Remember:</i> to find the roots means to solve for the $x$ -intercepts. To solve for the $x$ -intercepts, <b>ALWAYS try to factor the equation first</b> , before trying the Quadratic Formula. pp. 318-319 #1b, 2, 4bd, 5abd, 6acfg, 8, 9a, 13, 16*no rounding, 17 p. 317 #13
68	Fri. Dec. 9	Correct the Unit 6 Review Begin Unit 7: 7.1 Investigate Properties of Similar Triangles	<b>READ</b> pp.331-332 Ex. 1, Ex. 2, and Key Concepts pp. 333-334 #5bc, 6bc, 7b, 8b, 9b, 14, 15 <b>a ruler is needed &gt;&gt;&gt;</b> p. 347 #1, 2
69	Mon. Dec. 12	7.2 Use Similar Triangles to Solve Problems	Be ready for <b>Unit 6 Summative tomorrow!</b> <b>READ</b> p.347 "Key Concepts" pp. 348-350 #7, 8ab, 9, 11, 12, 16, 19
70	Tues. Dec. 13	<b>UNIT 6 SUMMATIVE</b>	Complete yesterday's homework
71	Wed. Dec. 14	7.3, 7.4 The Primary Trigonometric <u>Ratios</u>	Worksheet <b>AND</b> pp. 374-376 #13, 16, 20, 22, 26, 29 <b>Enrichment:</b> p. 365 #25, 28 <b>Enrichment:</b> pp. 376-377 #33, 34, 36, 38 p. 445 #67, 74; p. 456 #47, 48

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