

ALGEBRA 2 HONORS

ASSIGNMENTS

For each group of problems, select two even problems to complete for the assignment.

Chapter 01

§1-1: none

§1-2: p.15 #1-8, 21-35, 38-45, 47-53

§1-3: p.21 #1-16, 17-28, 29-35, 36-47, 55-64

§1-4: p.29 #1-13, 18-25, 26-34

§1-5: p.36 #1-15, 16-27, 34-43, 44-53

Suggested Review: p.48 #29-54

Chapter 02

§2-1: p.59 #1-11, 12-21, 32-45

§2-2: p.67 #1-8, 11-19, 20-31, 32-41

§2-3: p.74 #1-16, 17-27, 29-40, 41-48

§2-4: p.81 #1-7, 8-14

§2-5: p.88 #10-18, 19-27, 29-50

§2-6: p.95 #1-8, 9-18, 21-30, 31-45

§2-7: p.102 #1-9, 11-19, 23-37

Suggested Review: p.107 #6-44

Chapter 03

§3-1: p.118 #1-9, 13-24, 25-36

§3-2: p.126 #1-12, 18-41

§3-3: p.132 #4-15, 18-29

§3-4: p.138 #1-9. **Also, do both of 11 and 20.*

§3-6: p.153 #1-9, 10-18

Suggested Review: p.157 #6-30, 43-45

Chapter 04

§4-1: p.166 #1-11

§4-2: p.174 #2-9, 10-17

§4-3: p.182 #1-8, 9-18, 20-29

§4-5: p.199 #4-13, 14-21, 26-33, 34-41

§4-6: p.205 #1-11, 18-25. **Also, do both of 29 and 30.*

§4-7: p.213 #1-6, 7-15, 26-35

§4-8: p.220 #1-8, 9-17, 18-28

Suggested Review: p.225 #11-27, 36-48

Chapter 05

§5-1: p.237 #10-15, 16-20, 23-26, 32-37

§5-2: p.244 #1-9, 10-21, 44-53. **Also, choose two from 28, 30, 42.*

§5-3: p.251 #1-12, 13-20, 27-35, 43-50

§5-4: p.259 #7-18, 19-30, 31-36, 37-45, 51-56, 57-65

§5-5: p.266 #1-6, 7-12, 13-18, 20-31, 36-53

§5-6: p.274 #1-10, 11-18, 29-40, 41-46, 57-66

§5-7: p.281 #13-18, 19-27, 28-36, 51-56

§5-8: p.289 #1-12, 13-21, 22-30, 31-39, 41-52

Suggested Review: p.293 #6-11, 13-20, 24-38, 39-58, 61-72

Chapter 06

§6-1: p.303 #1-12, 13-23, 25-30, 33-45, 46-58

§6-2: p.311 #1-6, 7-12, 21-28, 29-36. **Also choose two from 13, 14, 47-50.*

§6-3: p.318 #1-8, 13-22, 26-33, 37-41

§6-4: p.324 #1-9, 15-20, 21-26, 27-32, 33-39, 42-59

§6-5: p.333 #1-6 (*just list the possible roots*), 7-12, 13-18, 19-24

§6-6: p.337 #1-8, 9-16, 21-26

§6-8: p.349 #1-12, 13-20, 23-42, 48-57

Suggested Review: p.353 #6-12, 13-51, 58

Chapter 07

§7-1: p.366 #1-20, 21-28, 39-54

§7-2: p.371 #1-16, 17-26, 27-34, 37-54

§7-3: p.376 #1-12, 13-26, 27-36, 37-44

§7-4: p.382 #1-25, 30-37, 38-61, 65-76

§7-5: p.388 #1-12, 15-30, 34-41, 42-51

§7-6: p.394 #1-18, 22-30, 31-42, 45-56, 63-68

§7-7: p.404 #1-13, 23-28, 31-43, 47-58

§7-8: p.411 #1-22, 24-35, 36-50

Suggested Review: p.416 #11-78

Chapter 08

§8-1: p.426 #1-8, 10-15, 16-23, 24-31, 37-42

§8-2: p.434 #1-14, 18-26. **Also choose two from 15, 16, 17, 30, 36, 37.*

§8-3: p.442 #6-13, 14-25, 35-40, 53-61, 63-71

§8-4: p.449 #11-18, 19-30, 33-41, 58-69, 73-78, 79-87

§8-5: p.456 #1-10, 11-26, 27-32, 33-47, , 79-86, 87-96

§8-6: p.464 #1-10, 14-28, 31-40, 55-62

Suggested Review: p.469 #6-29, 32-51, 53-73

Chapter 09

§9-1: p.481 #1-12, 13-27, 37-48, 49-55

§9-2: p.488 #14-24, 27-38, 41-46

§9-3: p.495 #1-9, 10-18, 19-24

§9-4: p.501 #1-18, 27-35

§9-5: p.507 #10-21, 31-40, 44-49

§9-6: p.514 #1-9, 10-21. **Also, pick two from 22, 23, 24, 25, 32, 33, 34*

Suggested Review: p.527 #6-41

Chapter 10

§10-1: *none*

§10-2: p.547 #24-35 (write in standard form and sketch), 46-51 (write in standard form and sketch)

§10-3: p.552 #1-16, 27-34, 35-44, 55-64

§10-4: p.559 #1-17, 33-40 (write in standard form and sketch)

§10-5: p.566 #1-9, 28 and 30, 39-44

§10-6: p.574 #12-16, 17-22 (write in standard form and sketch)

Suggested Review: p.579 #6-11, 22-29, 34, 43-46; p. 538 #1-16; Additional Conics Worksheet

Trigonometry Unit (note special instructions!)

T1: p.782 #2,3,5,6,7; one each from 9-17, 18-23, 25-33, 35-40

T2: p.708 two each from #21-28, #29-36. p.715 two each from #1-12, 20-25.

T3: p.725 two each from #16-21, 22-27, 28-33.

T4: p.732 two each from #5-14, 16-21, 22-32.