

8.5

Homework Day 1 pg 498

27-35 odd, 45, ~~47~~, 54, 57

Day 2 pg 497

13, 14, 39, 41, 43, 52

Day 1

27. $(3d - 5)(t - 7)$

29. $(3t - 5)(7h - 1)$

31. $(r - 5)(5b + 2)$

33. $gf(5f + g + 15)$

35. $3ed(9d - 6cd + 1)$

45. a) ab

b) $(a + b)(b + b)$

c) $[a + b)(b + b)] - ab$

$ab + ba + bb + 3b - ab$

$ba + bb + 3b \rightarrow b(a + b + b)$

54. Write a 4-term polynomial that can be factored by grouping. Then factor

57. D $2x - 1$

Day 2 Homework pg 497 13, 14, 39, 41, 43, 52

13. a) 0 and 2.08

b) 17, 3ft ; 2.6ft

14. a) 0ft b) 0, 7.8125

c) about 7.8 seconds

39. 0, 3

41. $-\frac{1}{2}, -2$

43. 0, -3

41. a) $t(2.63 - 16t)$

b) 0, 16.43 yes start zero and is in air for 16.43sec

c) 1080ft, 1030ft

d) falling

52. Rachel; the equation first must have a zero on one side.