

5.1

Homework pg 513 14, 16, 20, 21, 22, 29, 32, 35, 40

14.  $(2x+3)(x-3)$

16. Prime

20.  $(5x+8)(x+3)$

21. Prime

22. a)  $h = -16t^2 + 29t + 6$

b) 2 seconds

29 a)  $10 = -16t^2 + 20t + 6$

b) 1 second

c) less, b/c starts closer to the ground so the ball will not have as far to go.

32.  $-(2x+5)(3x+4)$

35.  $-(2x-7)(3x-5)$

40. Samantha, she use zero product prop  
Zach didn't

Pg 513

14, 16, 20, 21

22, 40

shorten B/c play