Math 100
Fall 2014 Blue Book Corrections

Chapter 0  None reported

Chapter 1
Section 1-3  Page 10 problem 29 answer is –6
Section 1-5  Page 20 problem 29 answer is –3
Chapter Review  Page 29 problem 3 answer is –4
Chapter Review  Page 30 problem 20 answer is 10

Chapter 2
Section 2-5  Page 24 problem 27 is changed to $x = \frac{y}{3} + \frac{5}{6}$ answer is $\frac{6x-5}{2} = y$

Chapter 3  None reported

Chapter 4  None reported

Chapter 5  None reported

Chapter 6
Section 6-5 problem 10 answer is $\frac{3}{2x} - \frac{3}{x^2} + \frac{1}{2x^3}$

Chapter 7
Section 7-1 problem 44 answer is $(x + 5)(x - 2)$
Section 7-1 problem 46 answer is $(x - 5)(x - 4)$

Chapter 8
Section 8-1 problem 27 answer is $2(x + 5)$

Chapter 9
Section 9-1 problem 12 answer is 13
Section 9-4 example 1 and 2 are corrected. See the internet lecture.

Section 9-4 problem 37 has been changed to $(3\sqrt{12xy}) (2\sqrt{6xy^2})$ answer is $36xy \sqrt{2y}$
Section 9-4 problem 57 answer is $-2 + 11\sqrt{2}$
Section 9-4 problem 63 answer is $14 - 6\sqrt{5}$
Section 9-5 problems 37 to 40 repeats have been taken out
Section 9-5 answers 41 to 67 have been changed to eliminate distributing in the final step

Section 9-5 problem 65 answer is $\frac{\sqrt{3}(3 + \sqrt{3})}{6}$

Section 9-4 problem 66 answer is $\frac{\sqrt{3}(3 + \sqrt{3})}{6}$
Section 9-8 problem 19 answer is \( \frac{7 \pm \sqrt{29}}{10} = \frac{7 + \sqrt{29}}{10} \) or \( \frac{7 - \sqrt{29}}{10} \)

Chapter 9 review

Problem 23 answer is \( 12\sqrt{2} - 16\sqrt{3} \)

Problem 31 answer is \( \frac{8}{5} \)

Problem 36 answer is \( \frac{2\sqrt{30}}{3} \)