MA 153 Exam 1 Answers
Fall 2001

1. $6x^3 + 19x^2 - 26x + 5$

2. $\dfrac{x + 8\sqrt{x} + 15}{x - 25}$

3. $y = \dfrac{mW - gm}{x}$

4. $\dfrac{2}{x + 2}$

5 (a) $2(3x + 4)(2x - 1)$

   (b) $(4x + y)(4x - y)(a + 3c)$

6. (a) x= -5, 7

    (b) $x = -6$

7. (a) $\dfrac{20}{ab^{11}}$

    (b) $3a^3 b^4$

8. 3:00 p.m.

9. 16.4 cm