

MA 153 Exam 1 Answers
Fall 2001

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

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

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

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

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

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

6. (a) $x = -5$,

(b) $x = -6$

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

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

8. 3:00 p.m.

9. 16.4 cm