MA 153 Exam 1 Answers (Green)
Spring 2002

1. D $\dfrac{a}{b}$ $\dfrac{1}{3}$

2. C $\dfrac{8}{a^4}$

3. E $\dfrac{x^{10}}{25y^{14}}$

4. E $\dfrac{3a^4}{b^6}$

5. B $3x^5 - 10x^3 + 2x^2 - 10$

6. D $5x^3 + 7x^2 - 26x + 12$

7. C $\dfrac{x-3}{x+3}$

8. D $\dfrac{4a^2 - 5a - 15}{a(a+3)}$

9. D $3x - 4$

10. B $\dfrac{r+s}{r}$

11. A x is between -6 and $-\dfrac{5}{2}$

12. C $a = \dfrac{b^2}{M(1+b)}$

13. E $1.2075x = 85$

14. B $\dfrac{5}{3}$ quarts