

MA 111 Fall 2000
Exam 3 Answers

1. A

2. B

3. E

4. (a) $x = 0$, $x = 6$

(b) $x = 6$

5. $\frac{x}{x+1}$

6. (a) $3x^2y^3(2x + y^2)(2x - y^2)$

(b) $(a + b)(4a - c)$

7. (a) $7x^2y^6$

(b) $(x + 4)^3$

8. $\frac{12}{8}$ or $\frac{3}{2}$ or 1.5 mph

9. 2 feet