

MA 153 Exam 3 Answers
Spring 2002
Form A (Green)

1. C $m = \frac{3}{4}; b = -2$

2. E $D = [-4, 5]; R = [-3, 4]$

3. D $[-4, -3] \quad \frac{1}{2}, 3$

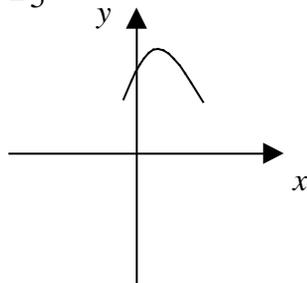
4. A $k = 3$

5. D $2a + h - 1$

6. C $k = -9$

7. B $2x^2 - 5$

8. A



9. C $h^{-1}(x) = \frac{4x - 5}{x}$

10. D $x = \frac{2}{5}, x = 1$

11. A $y = \frac{7}{64}(x + 3)^2 - 7$

12. E $D = \frac{3}{2}, 4; R = [-20, 30]$

13. D $P(t) = -60t + 840$

14. A $9x + 7(325 - x) = 2495$