

MA 152 Fall 2000
Exam 3 Answers

1. A

2. C

3. D

4. $4x + 5y + 17 = 0$

5. (a) - 3

(b) $-\frac{1}{11}$

(c) $6x^2 - 8x - 3$

6. (a) $x = \frac{19}{2}$

(b) $x = 14$

7. (a) $6\sqrt{2}$

(b) $x^{10}y^{20}$

8. $y = -\frac{8}{25}(x+4)^2 + 5$

9. 27,369 people

10. $x > 400$ miles