MA 152 Exam 2 Answers
Spring 2001

1. B

2. C

3. A

4. value of Joe's = $2787.50
   value of Rick's = $912.50

5. $\dfrac{x}{x-5}$

6. Center: $(-5,\ 7)$
   radius = 9

7. (a) $x = 7,\ -1$

   (b) $x = \dfrac{3}{2} \pm \dfrac{\sqrt{3}}{2}$ or $\dfrac{3 \pm \sqrt{3}}{2}$

8. $a = 2$
   $b = \dfrac{1}{2}$

9. In CD's = $52,500
   In bonds = $17,500

10. 21.25 feet