

Answer Key
Math 1051
Spring 2003 Final Exam

Multiple Choice Problems

1. E
2. D
3. C
4. A
5. C

6. B
7. C
8. C
9. A
10. E

11. B
12. A
13. D
14. A
15. C (typo in the inequality)

Written Answer Problems

1. $x / (2x-1)$
2. domain: $2 < x < 5$
3. center: $(3, -4)$; radius: 5
4.

individually --	successively --
a) $\sqrt{-x} + (-x)$	$\sqrt{-x} + (-x)$
b) $\sqrt{2x} + (2x)$	$\sqrt{2x} + (2x)$
c) $\sqrt{x+1} + (x+1)$	$\sqrt{2x+1} + (2x+1)$
5. see graph below
6. $x = 1$

graph for
 Written Answer Problem 5:

