

### Multiple Choice Problems

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|------|-------|-------|
| 1. A | 6. B  | 11. B |
| 2. E | 7. B  | 12. D |
| 3. C | 8. B  | 13. E |
| 4. C | 9. E  |       |
| 5. D | 10. A |       |

### Exact Answer Problems

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|-------------------------|---|----------------|
| 14. $a = 6, b = 2$      | 18. $-4/3$                                      | 22. 1, 1, 2, 7 |
| 15. $-1 < x < 0, x > 1$ | 19. $1/2$                                       | 23. $2/3$      |
| 16. $15^\circ$          | 20. $2\sqrt{2-\sqrt{3}}$ or $\sqrt{6}-\sqrt{2}$ |                |
| 17. $x = -24, y = -64$  | 21. $x = 1/2, y = -1$                           |                |