

## Homework 5.3 Solutions

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|--------------------------|------------------|---------------------------|-------------------|
| 1. $-\frac{\sqrt{2}}{2}$ | 2. U.D.          | 3. $-\frac{\sqrt{3}}{2}$  | 4. $\sqrt{2}/2$   |
| 5. $\sqrt{3}$            | 6. $\sqrt{3}/2$  | 7. -1                     | 8. 0              |
| 9. $-\frac{1}{2}$        | 10. -1/2         | 11. 1                     | 12. $-\sqrt{2}/2$ |
| 13. $-\frac{1}{2}$       | 14. $\sqrt{3}/2$ | 15. $-\frac{\sqrt{3}}{3}$ | 16. 1             |
| 17. -1                   | 18. -1           | 19. $-\frac{\sqrt{2}}{2}$ | 20. $-\sqrt{3}/2$ |
| 21. undefined            | 22. $\sqrt{2}/2$ | 23. $-\frac{1}{2}$        | 24. U.D.          |
| 25. j                    | 26. m            | 27. c                     | 28. h             |
| 29. a                    | 30. q            | 31. f                     | 32. k             |
| 33. g                    | 34. l            | 35. p                     | 36. b             |