

### Mid Term Review 4 Answers

- |     |   |     |   |
|-----|---|-----|---|
| 1.  | A | 11. | D |
| 2.  | B | 12. | A |
| 3.  | A | 13. | C |
| 4.  | C | 14. | D |
| 5.  | D | 15. | B |
| 6.  | A |     |   |
| 7.  | A |     |   |
| 8.  | B |     |   |
| 9.  | B |     |   |
| 10. | D |     |   |

Long:

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|----|----|------------------------|
| 1. | a) | 0                      |
|    | b) | $-\frac{3}{4}$         |
|    | c) | $\frac{3+\sqrt{6}}{2}$ |
|    | d) | $\frac{7}{12}$         |
| 2. | a) | -150, -30, 210, 330    |
|    | b) | -180, 0, 180           |
|    | c) | -330, -210, 30, 150    |
|    | d) | -90, 270               |
|    | e) | -270, 90               |
|    | f) | 45, 135, -225          |
| 3. | a) | 30, 330                |
|    | b) | 225, 315               |
|    | c) | 48.2, 311.8            |
| 4. |    | 60, 330, 420, 660      |