

## Unit 7: Trigonometric Functions

### ADVANCED — ANSWER KEY

|                                |                        |
|--------------------------------|------------------------|
| 1. 0                           | 2. $1 - \sqrt{3}/3$    |
| 3. $225^\circ$                 | 4. $1/4$               |
| 5. $1/2$                       | 6. $-4/5$              |
| 7. $(-\sqrt{2}/2, \sqrt{2}/2)$ | 8. $-(\sqrt{3} + 1)/2$ |
| 9. $-2\sqrt{3}/3$              | 10. $(1 + \sqrt{3})/2$ |
| 11. 2                          | 12. $\sqrt{3}/2$       |