

7. a) 0.4877    b) 1.6003    c) 2.2460    d) 5.6713  
8. 13.4 cm

# BLM Answers

## 2.5 Solve Problems Using Right Triangles

- 9. 7.22 m
- 10. 10.39 m

## BLM 2.PT.1: Chapter 2 Practice Test

### Multiple Choice

- 1. A                      2. C                      3. A
- 4. C                      5. A                      6. A
- 7. C                      8. B                      9. A
- 10. A

### Short Response

- 11. a) 0.24              b) 0.97
- 12. 2.9 m
- 13. 8.6 cm
- 14. a) 21.26 cm      b) 0.75

### Extended Response

- 15. a) 350 m            b) 250 m            c) 100 m
- 16. The building on the right is 47 m tall. The building on the left is 58 m tall. Therefore, the left one is taller.

## BLM 2.CT.1: Chapter 2 Test

### Multiple Choice

- 1. B                      2. B                      3. A
- 4. B                      5. C                      6. D
- 7. A                      8. A                      9. D
- 10. B

### Short Response

- 11. a) 21.21 cm      b) 0.7
- 12. a) 0.27            b) 0.96
- 13. 37.2
- 14. 19.7 m

### Extended Response

- 15. a) 3500 m          b) 2500 m          c) 1000 m
- 16. 19.07 m
- 17. The building on the right is 23.49 m tall. The building on the left is 24.25 m tall. Therefore, the building on the left is taller.