**Test #2 Review Answer Key**

**Answer Section**

**MULTIPLE CHOICE**

 1. ANS: C

 2. ANS: C

 3. ANS: D

 4. ANS: A

**SHORT ANSWER**

 5. ANS:

49, 64, 81

 6. ANS:

3 and 4

 7. ANS:

No, because .

KEY: Conceptual Understanding | Communication

 8. ANS:

18.6 cm

 9. ANS:

7.8 m

 10.

**PROBLEM**

 11. ANS:

9.5 km

 12. ANS:

Methods may vary. Sample:

ABD is a right triangle.



BCD is a right triangle.



The length of BC is about 11.5 cm.