

Answers

Chapter 4 Practice Test

1. C 2. D 3. C 4. B 5. 15 cm 6. scale factor

7. Look for a reduction using a scale factor of 0.5.

Example:



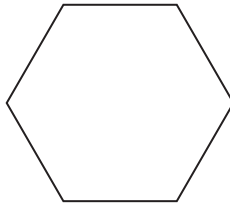
8. 0.2 9. 0.01 10. 22.4 mm

11. Yes, they are similar. All corresponding angles are equal in measure and the corresponding sides are proportional using a scale factor of 0.77.

12. 25 m

13. The triangles are not similar. The corresponding sides are not proportional in length.

14. Example:



15. $x = 2$; $y = 2.88$