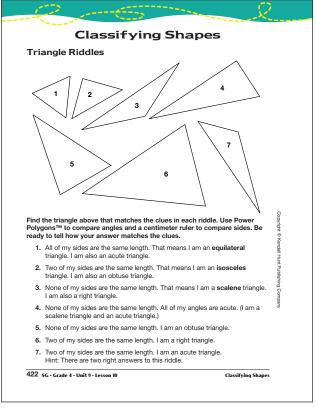
Answer Key • Lesson 10: Classifying Shapes

Student Guide

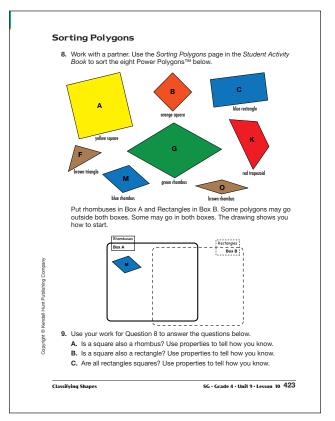
Classifying Shapes

Questions 1–10 (SG pp. 422–424)

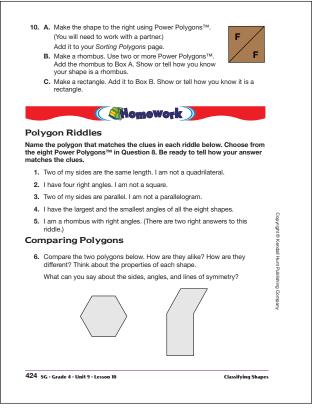
- **I.** 1
- **2.** 3
- **3.** 4
- **4.** 5
- **5.** 7
- **6.** 2
- 7. 6.1
- 8. Box A: G, M, O Box A and B: A, B Box B: C Outside the boxes: F, K
- **9. A.*** Yes, a square is a rhombus, it has 4 sides of equal length.
 - **B.*** Yes, a square is a rectangle, it has 4 sides and 4 right angles.
 - **C.*** No, not all rectangles are squares. A rectangle doesn't need all 4 sides to be equal.



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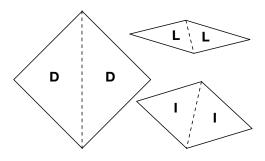


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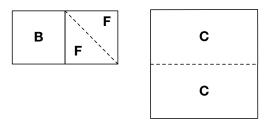


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- **10. A.** The shape belongs in both Box A and Box B.
 - **B.** Shapes will vary. If it has 4 sides of equal length, it is a rhombus. Possible solutions for a rhombus:



C. Shapes will vary. If it has 4 sides with 4 right angles, it is a rectangle. Two possible solutions for a rectangle:



Homework Questions 1–6 (SG p. 424)

- **I.** F
- **2.** C
- **3.** K
- **4.** O
- **5.** A, B
- **6.** Both shapes have 6 sides. The first shape has 6 equal sides, and 6 equal angles. The second shape has different side lengths and angles. The first shape has 6 lines of symmetry, the second shape has none.