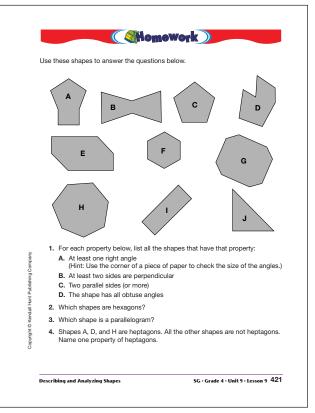
Answer Key • Lesson 9: Describing and Analyzing Shapes

Homework

- Questions 1–4 (SG p. 421)
- **A.** A, E, I, J **B.** A, E, I, J **C.** A, B, E, F, G, I **D.** C, F, G, H
- **2.** B, E, F
- **3.** I
- **4.** Heptagons have seven straight sides.



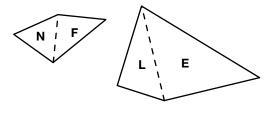


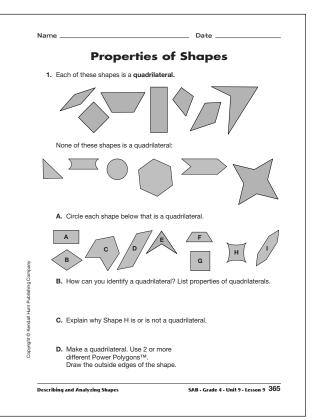
Student Activity Book

Properties of Shapes

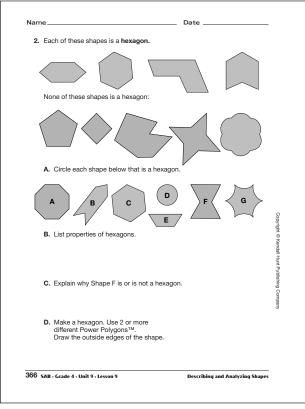
Questions 1–5 (SAB pp. 365–369)

- I. A. A, B, D, E, F, and G should be circled.
 - **B.** Quadrilaterals have four straight sides and four corners.
 - **C.** H is not a quadrilateral because its sides are not straight.
 - **D.** Shapes will vary. Possible shapes:

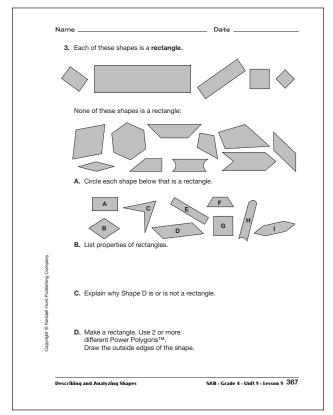




Student Activity Book - Page 365

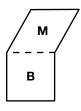


Student Activity Book - Page 366

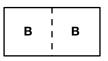


Student Activity Book - Page 367

- **2. A.** B, C, and F should be circled.
 - **B.** Hexagons have six straight sides and six corners.
 - **C.** F is a hexagon because it has 6 straight sides.
 - **D.** Shapes will vary. Possible shape:

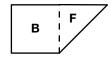


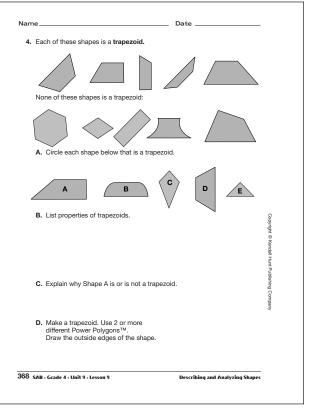
- **3. A.** A, E, and G should be circled.
 - **B.** Rectangles have four straight sides and four right angles. Each side is parallel to the side opposite, and there are two or more lines of symmetry.
 - **C.** D is not a rectangle because its angles are not right angles.
 - **D.** Shapes will vary. Possible shape:



Answer Key • Lesson 9: Describing and Analyzing Shapes

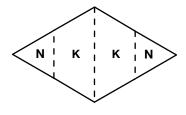
- **4. A.** A and D should be circled.
 - **B.** Trapezoids have four straight sides and one pair of parallel opposite sides.
 - **C.** A is a trapezoid because it has four straight sides, two of which are parallel.
 - **D.** Shapes will vary. Possible shape:

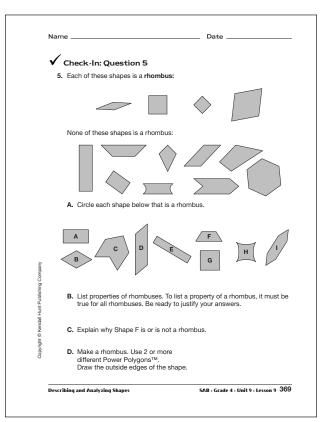




Student Activity Book - Page 368

- **5. A.** B and G should be circled.
 - **B.** Rhombuses have four straight, equal sides, with two pairs of parallel sides. They have 4 angles, and opposite angles are equal. They also have at least two lines of symmetry.
 - **C.** F is not a rhombus because its sides are not all equal, it has only one pair of parallel sides, it has only one line of symmetry, and its opposite angles are not equal.
 - **D.** Shapes will vary. Possible shape:





Student Activity Book - Page 369