Quadrilaterals

Solve.

1. Mr. Hopkins drew these squares on the chalkboard. Are the squares congruent?

2. Mr. Boyer cut a 12-foot piece of wood into the pieces shown below. Are the pieces congruent?

3. Which parts of the United States flag are congruent?

4. Stacey says that every design on the Australian flag and the New Zealand flag is congruent. Is she correct?

5. Chris said that the only triangle that has all congruent sides and angles is an isosceles right triangle. Explain what Chris’s mistake was.

6. Mrs. Smith copied a worksheet for her math class. She reduced the original size of the worksheet by 50%. Are the copies congruent to the original worksheet? Explain.