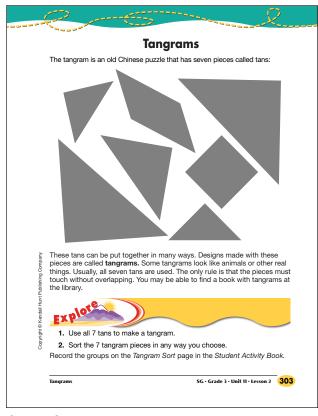
## Student Guide

## Tangrams (SG p. 303) Questions 1–2

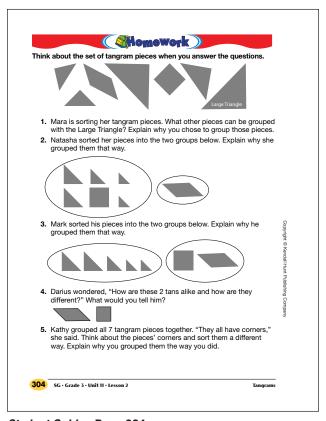
- 1. Students' tangram designs will vary.
- **2.\*** Students' sorts will vary. See the lesson Part 1 for some possible sorts.

## Homework (SG p. 304) Questions 1–5

- I. Answers will vary. Possible response: The other pieces that could go with the large triangle are the other large triangle, the medium triangle, and the two small triangles because they all have 3 sides. Another possible response: The other large triangle because they are a pair.
- **2.** Natasha put all of the pieces with right angles in one group, and the parallelogram with no right angles in the other group.
- **3.** Mark put all the 3-sided shapes in one group and all the 4-sided shapes in the other group.
- 4. Responses will vary. Possible response: They are alike because they have 4 corners and 4 angles, and they are different because the square has 4 lines of symmetry and the parallelogram has no lines of symmetry.
- **5.** Responses will vary. Possible response: All the pieces except the parallelogram can be grouped together because they have at least one right angle.



## Student Guide - Page 303



Student Guide - Page 304

<sup>\*</sup>Answers and/or discussion are included in the lesson.