

Student Activity Book

Check Each Other (SAB p. 147)  
Questions 1–2

1. Area is approximately 15 sq cm.
2. **A.\*** Possible response: I do not agree with either Luis or Grace. Both Luis and Grace made counting errors.  
**B.\*** Possible response: Luis counted half square centimeters as wholes, so his count is too high. He should match up the half pieces to count them as whole pieces.  
**C.\*** Grace counted two square centimeters twice (numbered with 14), so her count is too low. She matched up one set of half pieces but should count the piece that is almost one whole as the 15th piece rather than the 14th.

Name \_\_\_\_\_ Date \_\_\_\_\_

### Check Each Other

1. Find the area in square centimeters.  1 square centimeter

Area \_\_\_\_\_

2. Luis and Grace each found the area of the shape in Question 1. Look at their work.

Luis's Work

The area is about 17 square centimeters.

Grace's Work

The area is about 14 square centimeters.

**A.** Do you agree with these students? Why or why not?  
**B.** How can Luis improve his work?  
**C.** How can Grace improve her work?

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Area of Five Shapes (SAB p. 149)  
Shapes A–E

- A.  $33\frac{1}{2}$  sq cm
- B. about 14 sq cm
- C. about 17 sq cm or  $17\frac{1}{4}$  sq cm
- D. about  $31\frac{1}{2}$  sq cm
- E. 17–19 sq cm

Teacher Guide

**Putting Pieces Together (TG pp. 1–2)**  
Responses will vary.

**Make Your Own Shape (TG pp. 1–2)**  
Shapes and area will vary.

Name \_\_\_\_\_ Date \_\_\_\_\_

### Area of Five Shapes

Homework

Find the area of each of the shapes on the grid below.

**A.** **B.**

**C.** **D.**

**E.**

1 square centimeter

Can you find any shortcuts?

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