

Name _____ Date _____

Find Area on a Grid

Shape A

Area _____

Shape B

Area _____

Find Area SAB • Grade 2 • Unit 13 • Lesson 6 **673**

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Student Activity Book

Find Area on a Grid (SAB pp. 673–676)

Questions 1–5

* See Lesson 6 for a discussion of how to find the area of Shapes A and B. Shape A is 105 sq cm and Shape B is 100 sq cm.

1. * 12 sq cm
2. * 16 sq cm
3. 17 sq cm
4. 10 sq cm
5. **A.** 38 sq cm
B. Strategies will vary. Possible response:
 I divided the shape into two rectangles:
 $3 \times 10 = 30$ and $4 \times 2 = 8$.
 $30 + 8 = 38$ sq cm

Name _____ Date _____

Find Area Two Ways

Work with your partner to find the area of the shapes two ways. Label each shape with its area. Include units.

1. Area _____

2. Area _____

3. Area _____

4. Area _____

Find Area SAB • Grade 2 • Unit 13 • Lesson 6 **674**

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Name _____ Date _____

✓ Check-In: Question 5

5. **A.** Find the area of this shape. Include units.

Area _____

B. Show or tell how you found the area.

Find Area SAB • Grade 2 • Unit 13 • Lesson 6 **675**

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

Name _____ Date _____

Find Area on a Grid
Check-in: Question 5
Feedback Box

Compose and decompose shapes into smaller shapes.

Find the area of a shape on a grid using counting, repeated addition, and reasoning strategies.

Expectation	Check In	Comments
E6		
E8		

MP1-6: Show my work. I show or explain my thinking so someone else can understand my thinking.

MP1-6: Use labels. Use labels to show what numbers mean.

Yes... Yes, but... No, but... No...

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Date _____


Find Area


676 SAB • Grade 2 • Unit 13 • Lesson 6


Student Activity Book - Page 676


Name _____ Date _____

Shapes on Grids
Square Centimeter Halves and Fourths
Find the area of each shaded shape. Include units.

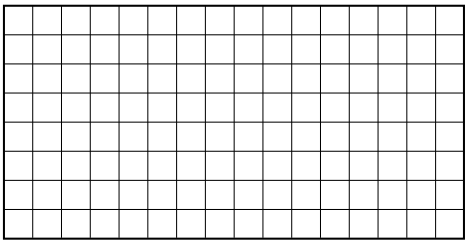
1.  Area _____

2.  Area _____

3.  Area _____

4.  Area _____

5. Make some shapes with areas of two and one-half square centimeters.



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Find Area

SAB • Grade 2 • Unit 13 • Lesson 6 677

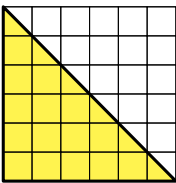
Student Activity Book - Page 677

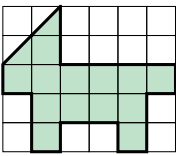
Shapes on Grids (SAB pp. 677–681)
Questions 1–14

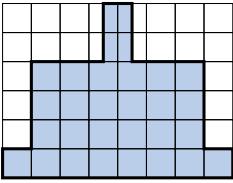
1. 1 sq cm
2. one-half sq cm
3. one-half sq cm
- 4.* one-fourth sq cm
- 5.* See Figure 9 for shapes with an area of 2 and one-half square centimeters.
6. 18 sq cm
7. 14 sq cm
8. 28 sq cm

Name _____ Date _____

Find the shaded areas. Include units.

6.  Area _____

7.  Area _____

8.  Area _____

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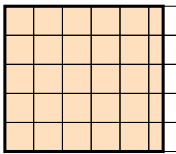
Find Area

678 SAB • Grade 2 • Unit 13 • Lesson 6

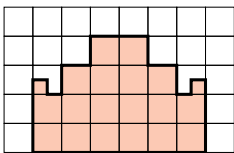
Student Activity Book - Page 678

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

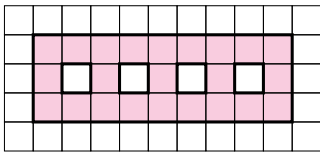
Name _____ Date _____

9. 

Area _____

10. 

Area _____

11. 

Area _____

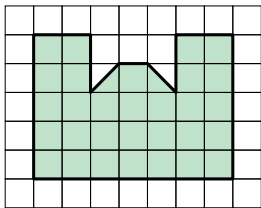
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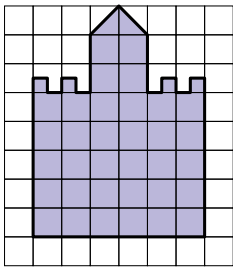
- 9. $27\frac{1}{2}$ sq cm
- 10. $18\frac{1}{2}$ sq cm
- 11. * 23 sq cm
- 12. * 31 sq cm
- 13. * 36 sq cm
- 14. 40 sq cm

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Name _____ Date _____

12. 

Area _____

13. 

Area _____

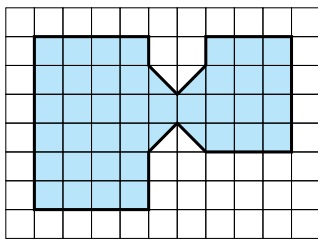
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Name _____ Date _____

✓ Check-In: Question 14

14. A. 

Area _____

B. Show or tell how you found the area.

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Find Area SAB • Grade 2 • Unit 13 • Lesson 6 **681**

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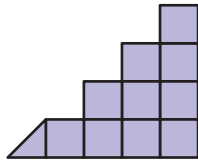
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*Answers and/or discussion are included in the lesson.

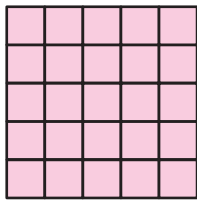
Teacher Guide

You Make the Shape (TG pp. 1–2)
 Questions 1–2

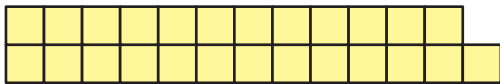
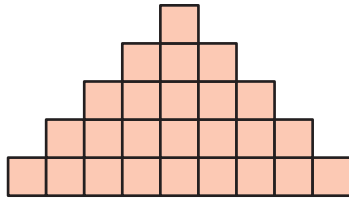
1. Answers will vary. Two possible responses:



2. Answers will vary. Possible responses:



(This shape is a square rectangle.)

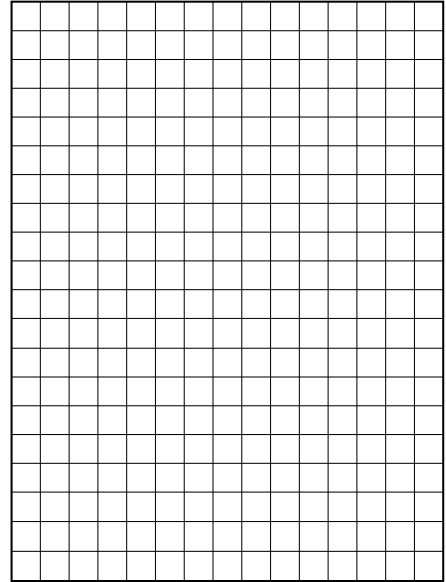


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Name _____ Date _____

You Make the Shape

1. Draw two different shapes with an area of 10 and a half ($10\frac{1}{2}$) square centimeters.



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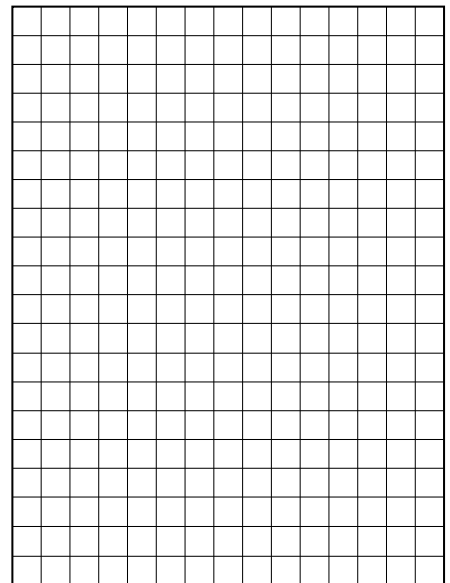
TG • Grade 2 • Unit 13 • Lesson 6

Assessment Master

Teacher Guide - Page 1

Name _____ Date _____

2. Draw 3 different shapes with an area of 25 sq cm. Can you make one shape a rectangle?



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Assessment Master

TG • Grade 2 • Unit 13 • Lesson 6 2

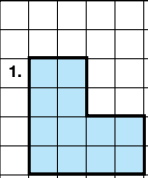
Teacher Guide - Page 2

Name _____ Date _____

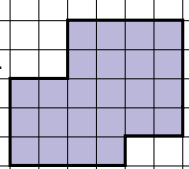
Find Area at Home



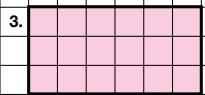
Find the area of the shapes. Label each shape with its area. Include units.

1. 

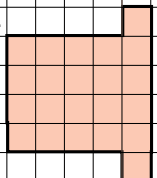
Area _____

2. 

Area _____

3. 

Area _____

4. 

Area _____

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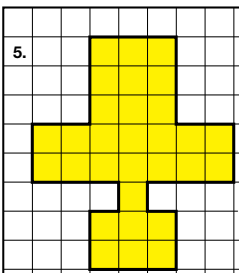
TG • Grade 2 • Unit 13 • Lesson 6 Homework Master

**Find Area at Home (TG pp. 1–2)
Homework
Questions 1–7**

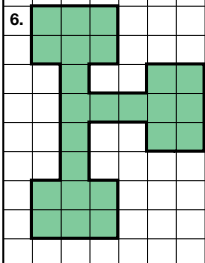
1. 12 sq cm
2. 24 sq cm
3. 18 sq cm
4. 22 sq cm
5. 30 sq cm
6. 24 sq cm
7. Explanations will vary. Possible response:
I noticed that there were lots of little 2 square centimeter rectangles, so I skip counted by twos 12 times to 24 square centimeters. I also saw three rectangles of 6 square centimeters connected by 6 more square centimeters. $3 \times 6 = 18$, and $18 + 6$ is 24 square centimeters.

Teacher Guide - Page 1

Name _____ Date _____

5. 

Area _____

6. 

Area _____

7. Explain how you found the area of the shape in Question 6.

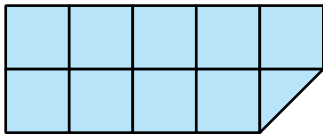
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Homework Master TG • Grade 2 • Unit 13 • Lesson 6 2

Teacher Guide - Page 2

Shape Grids at Home (TG pp. 1–2)
 Homework
 Questions 1–8

1. 6 sq cm
2. 13 sq cm
3. 13 sq cm
4. 20 sq cm
5. 5 sq cm
6. 12 sq cm
7. 22 sq cm
8. Possible response:



Name _____ Date _____

Shape Grids at Home

Find the area covered by each of the shapes shown.

1.

Area _____ sq cm

2.

Area _____ sq cm

3.

Area _____ sq cm

4.

Area _____ sq cm

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Homework Master

Teacher Guide - Page 1

Name _____ Date _____

5.

Area _____ sq cm

6.

Area _____ sq cm

7.

Area _____ sq cm

8. Draw a shape with an area of nine and a half ($9\frac{1}{2}$) sq cm.

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