Name _____ Date _____

Naming Wholes and Parts

Homework

1. Carla, Emily, and Roberto want to share this leftover pizza. Show how to divide the leftover pizza fairly.

2. If this  is one unit whole, then shade one-third.

3. Mark's family is putting in a patio in the backyard. It will have this shape. Show how the contractor can divide the area into sixths to pour concrete.

4. If this  is one-half of a granola bar, draw one whole bar.

5. If this  is one-fourth a of chocolate bar, draw $\frac{3}{4}$ of the bar.

6. If this  is $\frac{1}{2}$ of a pan of brownies, draw the whole pan.

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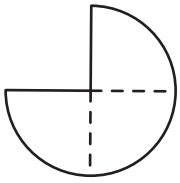
Student Activity Book

Naming Wholes and Parts (SAB p. 339)
Questions 1–6

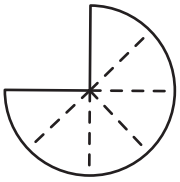
1.



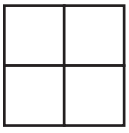
2.

 $\frac{1}{3}$

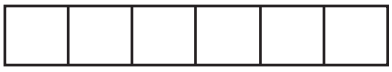
3.



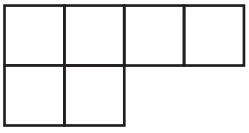
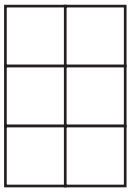
4.

 or 

5.



or

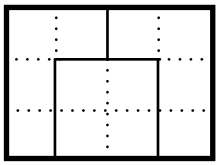
 or 

6.

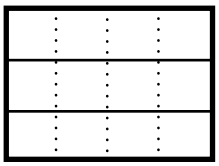
Fraction Challenge (SAB pp. 341–342)
Questions 1–4

1. See Figure 9 in the lesson. Sample responses:

   A.*

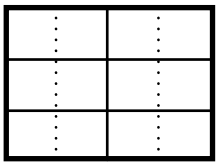
   B.*

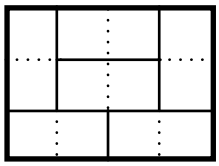
   Possible response: Each fractional part has an equal number of small squares which means it has been divided into three equal parts or thirds.

2. See Figure 10 in the lesson. Sample responses:

   A.*

   B.*

   Each small rectangle has 2 small squares which means it has 6 equal parts and is divided into sixths.

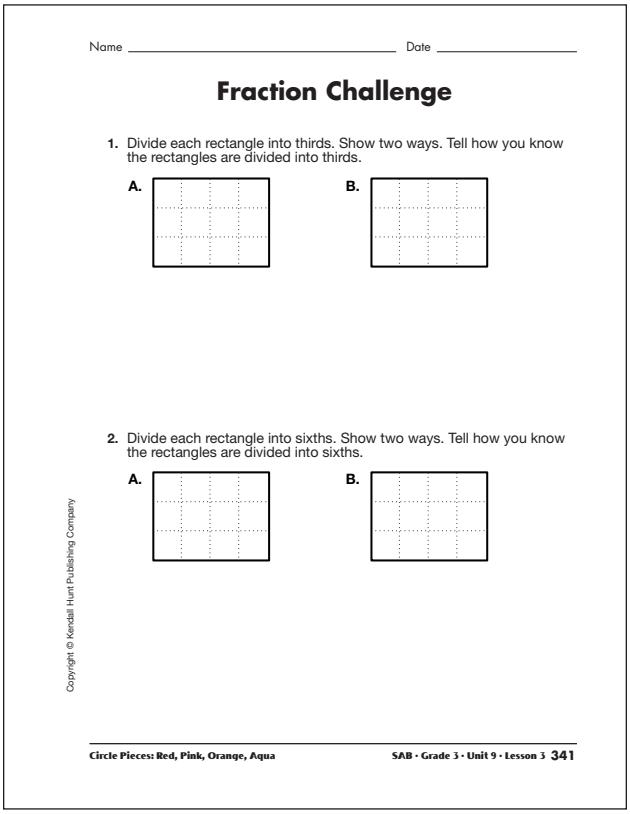
3. A. $\frac{1}{6}$; There are twelve small squares in all. The rectangle could be divided into six equal parts of two small squares each.

   B. $\frac{1}{3}$; The unit whole could be divided into three equal parts of 4 square units.

   C. $\frac{1}{2}$, $\frac{3}{6}$ or $\frac{6}{12}$; Half of twelve small squares is 6 squares.

4. A. $1\frac{1}{3}$ or $\frac{4}{3}$

   B. $\frac{7}{6}$ or $1\frac{1}{6}$



Name _____ Date _____

Fraction Challenge

1. Divide each rectangle into thirds. Show two ways. Tell how you know the rectangles are divided into thirds.

A. B.

2. Divide each rectangle into sixths. Show two ways. Tell how you know the rectangles are divided into sixths.

A. B.

Circle Pieces: Red, Pink, Orange, Aqua SAB • Grade 3 • Unit 9 • Lesson 3 341

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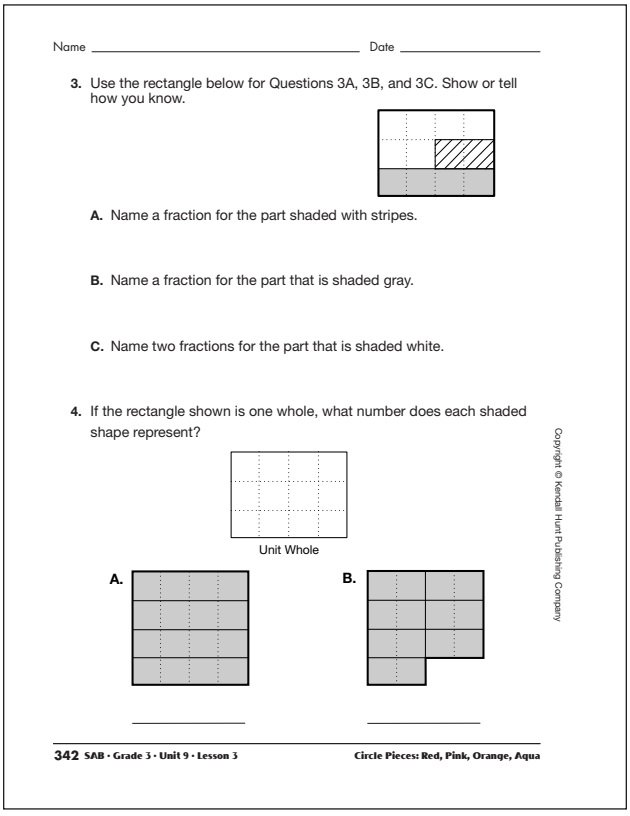

Name _____ Date _____

3. Use the rectangle below for Questions 3A, 3B, and 3C. Show or tell how you know.

A. Name a fraction for the part shaded with stripes.

B. Name a fraction for the part that is shaded gray.

C. Name two fractions for the part that is shaded white.

4. If the rectangle shown is one whole, what number does each shaded shape represent?

Unit Whole

A. B.

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

Name _____ Date _____

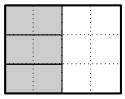
More Fraction Rectangles

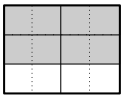
Homework

1. Shade $\frac{2}{3}$ of the rectangle.

2. Shade $\frac{5}{6}$ of the rectangle.

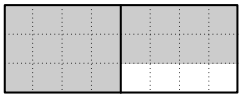
3. Write two fractions for the shaded part of the rectangle.

A.  _____ _____

B.  _____ _____

4. If this is the unit whole, write a number for the shaded part below.

Unit Whole

 _____

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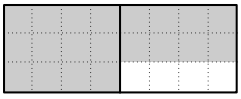
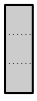
Name _____ Date _____

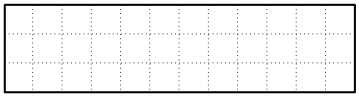
5. If this is the unit whole, write a number for the shaded part below.

Unit Whole

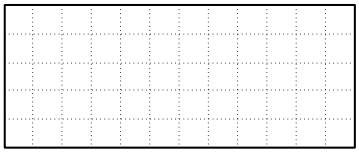


_____

6. If  is $\frac{1}{5}$, show the unit whole.



7. If  is $\frac{1}{8}$, show the unit whole.



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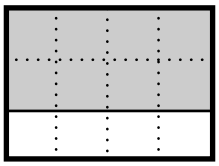
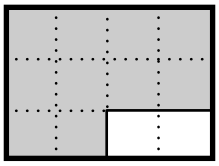
More Fraction Rectangles (SAB pp. 343–344)
Questions 1–7

1. One solution is shown.



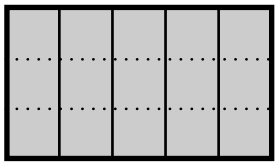
2. One solution is shown.



3. A. $\frac{1}{2}$, $\frac{3}{6}$
   B. $\frac{2}{3}$, $\frac{4}{6}$

4. $\frac{4}{3}$ or $1\frac{1}{3}$

5. $\frac{10}{6}$ or $1\frac{4}{6}$ or $1\frac{2}{3}$ or $\frac{5}{3}$ or $\frac{20}{12}$ or $1\frac{8}{12}$

6. 

7.