

Study Guide

Question(s)	Section(s)	Refer to	The student can ...
1	6.1	Example 3	✓ multiply a fraction and a whole number
2, 3	6.2	Examples 1, 2 Example 3	✓ divide a fraction by a whole number ✓ solve problems involving the division of fractions by whole numbers
4, 9	6.6	Example 1	✓ apply the order of operations to solve problems involving fractions
5, 6, 7, 9	6.5	Example 2	✓ divide two fractions or mixed numbers
8, 9	6.4	Example 2	✓ multiply two improper fractions or mixed numbers
9	6.3	Example 3	✓ multiply two proper fractions
10, 11	6.1	Example 3	✓ solve problems involving the multiplication of a fraction and a whole number
12	6.6	Example 2	✓ decide when to multiply fractions and when to divide fractions in solving problems
13, 14	6.4	Examples 2	✓ solve problems involving the multiplication of improper fractions or mixed numbers
15	6.6	Examples 1, 2	✓ decide when to multiply fractions and when to divide fractions in solving problems ✓ apply the order of operations to solve problems involving fractions

Answers

Chapter 6 Practice Test

1. D 2. C 3. B 4. C 5. A

6. 1

7. $\frac{4}{7}$

8. 3

9. a) $\frac{5}{16}$ b) $1\frac{5}{7}$ c) $1\frac{7}{20}$ d) $\frac{9}{25}$ e) 0

10. \$91

11. a) $\frac{3}{28}$ b) 39

12. 128

13. 875

14. 10 weeks

15. a) 45 b) 25 c) $1\frac{1}{2}$ d) $250; \frac{3}{10} \times 250 = 75$

Assessment	Supporting Learning
Assessment as Learning	
<p>Chapter 6 Self-Assessment Have students review their earlier responses in the What I Need to Work On sections of their chapter Foldable.</p>	<ul style="list-style-type: none"> • Before completing the Chapter 6 Practice Test, ask students to complete the What I Learned column from the KWL chart they started at the beginning of the chapter. Discuss how students might now answer their questions in the What I Want to Know column and which ones still need to be answered. • Have students use their responses on the practice test and work they completed earlier in the chapter to identify areas in which they may need to reinforce their understanding of skills or concepts. Before the chapter test, coach them in the areas in which they are having difficulties.
Assessment of Learning	
<p>Chapter 6 Test After students complete the practice test, you may wish to use BLM 6–21 Chapter 6 Test as a summative assessment.</p>	<ul style="list-style-type: none"> • Consider allowing students to use their chapter Foldable. • Consider using the Math Games on page 240 or the Challenge in Real Life on page 241 to assess the knowledge and skills of students who have difficulty with tests.