

Practice Test

Student Text Pages

194 to 195

Suggested Timing

75 min

Tools

- grid paper

Related Resources

- G-1 Grid Paper
- G-5 Number Lines
- BLM 3-10 Chapter 3 Test

Summative Assessment

- You may wish to use **BLM 3-10 Chapter 3 Test** as a summative assessment.

Study Guide

Use the following study guide to direct students who have difficulty with specific questions to appropriate examples to review.

Question	Section(s)	Refer to
1	3.2	Example 1 (pages 158–160)
2	3.1	Example 1 (pages 149–150)
3	3.3	Example 1 (pages 169–170)
4a	3.1	Examples 1 (pages 149–150)
4b	3.2	Example 1 (pages 158–160)
5	3.2	Example 2 (pages 160–162), Example 3 (pages 162–163)
6	3.1, 3.2, 3.3	All examples
7	3.4	Example 1 (pages 177–178)
8	3.4	Example 3 (pages 179–180)
9	3.3	Investigate (page 168), Example 2 (pages 171–173)
10	3.5	Example 1 (pages 186–187)
11	3.5	Example 2 (page 187)
12	3.5	Example 2 (page 187)
13	3.5	Example 3 (page 188)

Can students do each of the following?

- Determine the equations of the vertical and horizontal asymptotes of simple rational functions
- Determine the x - and y -intercepts of simple rational functions
- Determine the domain and range of simple rational functions
- Determine the rate of change at selected points of simple rational functions
- Sketch and label graphs of simple rational functions
- Solve rational equations using the properties of polynomial equations
- Solve simple rational inequalities using the properties of polynomial equations
- Determine and graph special cases of simple rational functions through investigation
- Solve contextual problems involving simple rational functions and equations