

## Chapter 9: Rational Functions

In this chapter, you will:

- use direct variation
- simplify, multiply, and divide rational expressions
- solve rational equations
- understand and use direct, inverse, and joint variation
- graph reciprocal functions
- add and subtract rational expressions

Tentative problems, quizzes, tests, and activities for this chapter:

Section / Chapter	Type of assignment	Pages (as applies)	Problems
9-4	Homework	511 – 513	1, 2, 4, 5 – 17 (odd), 20, 28 – 32 (even), 51, 52
9-5	Homework	517 – 520	11 – 29 (odd), 32 – 40 (even), 46, 68, 70
9-6	Homework	524 – 527	1, 3, 4, 11, 14, 17, 20, 39, 41, 43, 47, 49, 51
2-3 9-1	Homework	74 – 75 491 – 493	11, 12, 15, 17 – 19, 28, 29, 42, 44 13 – 15, 24 – 27, 36, 49 – 52, 7, 8, 12
9-2	Homework	498 – 500	5, 6, 14, 16, 17, 18, 19, 55 – 57...for each problem, please list horizontal asymptotes, vertical asymptotes, domain, range,
Ch. 9	Homework	N/A	Review Worksheet
Ch. 9	Test	N/A	N/A

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