

**Instructional Flow – Unit 7 – Rational Functions**

**9.1 Inverse and Joint Variation**

- inverse, joint, and combined variation
- applications



**9.2 Graphing Simple Rational Functions**

- linear denominators
- properties, domain, range
- graphs of the hyperbola with asymptotes
- applications



**9.4 Multiplying and Dividing Rational Expressions**

- simplification of rational expressions
- multiplication and division



**9.5 Addition, Subtraction, and Complex Fractions**

- addition and subtraction
- complex fractions



**9.6 Solving Rational Equations**

- solution of rational equations
- applications