

**Chapter 4 Assignment Sheet**  
**Algebra III**

**4.1 : Rational Functions and Asymptotes**

Page 329 (7 – 20) and (45 – 48)

**4.2 : Graphs of Rational Functions**

Page 338 (13, 17, 24, 29, 34, 46, 50, 52)

**QUIZ 4.1 – 4.2**

\*Can I find the Vertical Asymptote(s) of a rational function?

\*Can I find the Horizontal Asymptote of a rational function?

\*Can I find the Slant Asymptote of a rational function?

\*Can I graph a rational function?

**4.3 : Partial Fractions**

**Day 1** : Page 348 (16, 17, 18, 22, 26, 34, 36, 40, 41)

**Day 2** : Page 348 (19, 20, 21, 24, 28, 32, 35, 38, 42)

**QUIZ 4.3**

\*Can I write the partial fraction decomposition for a rational function?

**4.4 : Conic Sections**

Page 359 (13, 14, 20, 22, 39, 50, 52, 68, 72, 77)

**4.5 : Translations of Conic Sections**

Page 368 (16, 26, 40, 46, 66, 72, 84)

**Chapter 4 Review**  
**worksheet**

**Chapter 4 Test**