**Chapter 8 Mid-Chapter Practice Test** SCORE \_\_\_\_\_\_\_\_\_\_\_\_\_

*(Lessons 8-1 through 8-3)*

**Part I Write the letter for the correct answer in the blank at the right of each question*.***

**1.** For what value(s) of *x* is the expression undefined?

**For Questions 2-5, simplify each expression.**

**2.**

**3.**  ÷

**4.**

**5.**  – +

**Part II**

**6.** Simplify – .

**For Questions 7 and 8, find the LCM for each set of polynomials.**

**7.** 12, 15, 20*a* **8.** 5 – 20, 3*x* + 6

**9.** Determine the equations of any asymptotes in the graph of *f*(*x*) =

**10.** Graph *f*(*x*) = .

**1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

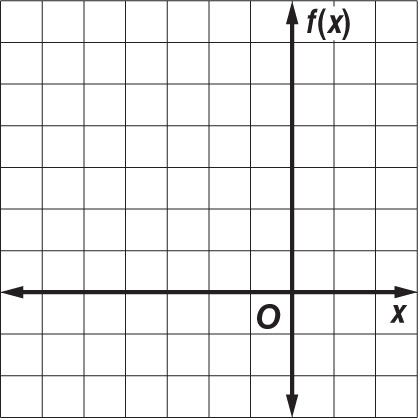
**5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**10.**