Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**AP CALCULUS BC**

**Worksheet 1.7**

**Rational Functions**

***Simplify, if possible.***

***h:\My Scans\bc1\scan0001.tifh:\My Scans\bc1\scan0001.tif***

1. 2.

h:\My Scans\bc2\scan0001.tifh:\My Scans\bc1\scan0001.tif

3. 4.

***Multiply or divide the expression. Simplify the result.***

***h:\My Scans\bc2\scan0001.tifh:\My Scans\bc1\scan0001.tif***

5. 6.

h:\My Scans\bc1\scan0001.tifh:\My Scans\bc2\scan0001.tif

7. 8.

***Perform the indicated operation and simplify.***

***h:\My Scans\bc5\scan0001.tifh:\My Scans\bc3\scan0001.tif***

9. 10.

h:\My Scans\bc5\scan0001.tif

11.

***Simplify the complex fraction.***

***h:\My Scans\bc4\scan0001.tifh:\My Scans\bc4\scan0001.tif***

12. 13.

h:\My Scans\bc5\scan0001.tif

14.