Homework 5.3: Simplifying Rational Expressions Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Math 3

**Directions:** Simplify the following rational expressions. Be sure to state any restrictions on the variables. Find common denominators for addition and subtraction problems ONLY! **Show work on a separate piece of paper.**

1. 
2. 
3. 
4. 
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7. 
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9. 
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12. 
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15. 
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17. 
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20. 