Homework 5.1: Multiplying & Dividing Rationals Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Math 3

**Directions:** Simplify each rational expression. State any restrictions on the variables.

1. 
2. 
3. 
4. 
5. 
6. 

**Directions:** Multiply. State any restrictions on the variables.

1. 
2. 
3. 
4. 
5. 
6. 

**Directions:** Divide. State any restrictions on the variables.

1. 
2. 
3. 
4. 
5. 
6. 



1.



1. What is the quotient expressed in simplest form? State any restrictions on the variable.