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

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

**Warm Up 2.1 SHOW YOUR WORK!!!**

Solve the following problems by hand, use a graphing calculator to check.

1. Suppose and Find all *x* values such that .

2.

a. Identify any excluded values.

a.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b. Solve the rational equation. Do not include values that are excluded, when applicable.

b.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_