Algebra 2 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Hr\_\_\_\_\_\_\_\_\_\_\_

Section 6.3, 6.4, 6.6 Review

For question 1-3, perform the indicated operation on the functions given below.



1.  2.  3. 

For question 4-6, perform the indicated operation on the functions given below. State the domain of the composition after.



4  5.  6. 

For question 7-8, find the equation of the inverse relation.

7.  8. 

For question 9-11, solve each radical equation and check for extraneous solutions.

9.  10. 

11. 

For question 12-13, verify that f and g are inverse functions using compositions.

12. 

13. 