4.5 Notes: Solving Exponential and Logarithmic Equations

Now that we know the complete properties of logarithms and exponentials, we can use them to solve equations. Remember that both functions are one to one.

Solve each equation. Write each irrational solution as an approximate value.

1.

2.

Solve each equation. Leave answers including irrational solutions in exact form.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.