FST Name:

Notes 5.6 Date: Block:

***5.6 Solving Exponential and Logarithmic Equations***

**Solving WITHOUT a calculator.**

**Like Bases (or Bases that can be made like)**

Solve each exponential or logarithmic equation.

1) 2) 3)

4) 5)

But… what happens if we cannot make the bases the same?

1) 2) 3)

4) 5) 6)

7)

**When there is ONE Logarithm (or you can condense to get a single logarithm)**

**Examples)**

 2) 3.)

4) 5)

**Practice:**

1) 2) 3)

4) 5)

6) 7) 8)

9) 10)