

Name: _____ Date: _____ Block: _____

Section 7-6: *Solving Radical Equations*

Warm-up:

Simplify:

1) $x - 3 = 8$

2) $x - 2 = 4$

3) $x^2 = 25$

4) $x^2 + x - 20 = 0$

The Principle of Powers:

Solve the following...

Our goal for these problems is to: _____

1.)

Check:

2.)

Check:

3.)

Check:

4.)

Check:

5.)

Check:

6.)

Check:

Name: _____ Date: _____ Block: _____

Section 7-6: Solving Radical Equations

Extraneous Roots and Problem Solving:

Extraneous roots are: _____

1.)

Check: $x =$

Check: $x =$

2.)

Check: $x =$

Check: $x =$

Solving for a variable:

1.)

2.)

3.)

4.)