Notes Simplifying Radicals

Name: _____ Date: _____ Period: _____

Learning Target: _____

_____

What is a perfect square? _____

_____

Perfect Squares

3 "rules" for simplifying radicals

1. _____

2. _____

3. _____

Example 1:   Example 2:

Example 3:   Example 4:

Why is it important to use the largest perfect square factor? _____

_____

Example 5:

Show me you can do it!

1. _____

2. _____

3. _____

4. _____

5. _____

Show me you know it!

Write a radical you know can be simplified_____

How do you know it can be simplified? _____

When we simplify radical expressions are we changing the value? _____

How can we check our solutions? _____

What is a good method for solving these problems? _____

_____