

Assignment #1

Simplifying Radical Expressions

Name: _____ Date: _____ Period: _____

Directions: Simplify each radical expression

Section A

1. $\sqrt{81}$ _____

6. $\sqrt{325}$ _____

2. $\sqrt{72}$ _____

7. $\sqrt{147}$ _____

3. $\sqrt{117}$ _____

8. $\sqrt{500}$ _____

4. $\sqrt{68}$ _____

9. $5\sqrt{18}$ _____

5. $\sqrt{300}$ _____

10. $2\sqrt{112}$ _____

Section B

1. $\sqrt{252}$ _____

5. $4\sqrt{600}$ _____

2. $\sqrt{135}$ _____

6. $5\sqrt{153}$ _____

3. $\sqrt{432}$ _____

7. $2\sqrt{605}$ _____

4. $\sqrt{567}$ _____

8. $7\sqrt{92}$ _____