Worksheet #3 – Exponents

College Placement Exam Prep

Correct Number of Answers on Placement Exam Pre-Test for Questions 24 – 30: \_\_\_\_\_\_\_\_

Directions: Complete the appropriate section of the worksheet. Show all work!

* If you answered 0, 1, or 2 questions correct, complete the problems in Section A of the worksheet.
* If you answered 3, 4, or 5 questions correct, complete the problems in Section B of the worksheet.
* If you answered 6 or 7 questions correct, complete the problems in Section C of the worksheet.

**Section A**

*Simplify each expression.*

1. 2. 3.

4. 5. 6.

*Evaluate.*

7. If , then .

*Solve.*

8. 9. 10.

**Section B**

*Simplify each expression.*

1. 2. 3.

4. 5. 6.

*Evaluate.*

7. If , then .

*Solve.*

8. 9. 10.

**Section C**

*Simplify each expression.*

1. 2. 3.

4. 5. 6.

*Evaluate.*

7. If , then .

*Solve.*

8. 9. 10.