College Algebra Fundamentals

Section P-1 (Part 3): Real Numbers

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Objectives**:

* Students will be able to identify the properties of fractions and equality.

|  |  |
| --- | --- |
| **Main Idea** | **Notes** |
| **Vocabulary:****Vocabulary:** | Fraction: The denominator cannot be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.Always make sure the fraction is reduced to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.Equivalent Fractions: Properties of Fractions: 1. Equivalent Fractions:
2. Rule of Signs:
3. Generate Equivalent Fractions:

 Mixed Number:Example:Improper Fraction:Example: |
| **Example 1: Changing an Improper Fraction to a Mixed Number** | Rewrite $\frac{23}{8}$ as a mixed number. What do you notice about the denominator when converting an improper fraction to a mixed number?Rewrite $3\frac{2}{5}$ as an improper fraction. What do you notice about the denominator when converting a mixed numberto an improper fraction? |
| **Example 2: Changing a Mixed Number to an Improper Fraction** |
| **Homework:**  |  |