

**Extra Practice – Section 1.2 – Fraction Basics**

Understanding what fractions actually are is the first step in working with them. Proper fractions represent numbers that are between 0 and 1; improper fractions are numbers greater than one, but are written in fraction form or mixed (whole numbers and proper fractions). Equivalence of fractions is a process that changes the appearance of the fraction, but its value does not change.

Complete the following, do not be satisfied until you have a firm understanding of concepts

Convert the following fractions to decimals

|   |                                 |
|---|---------------------------------|
| 1. $\frac{3}{7}$  | 2. $\frac{4}{11}$               |
| Determine equivalent fractions given the information provided |                                 |
| 3. $\frac{3}{5} = \frac{?}{35}$                               | 4. $\frac{2}{7} = \frac{?}{28}$ |
| 5. $\frac{5}{9} = \frac{15}{?}$                               |                                 |
| Convert the following from improper to mixed or vice versa    |                                 |
| 6. $\frac{11}{4}$   | 7. $\frac{28}{3}$               |
| 8. $3\frac{1}{7}$   | 9. $-5\frac{5}{8}$              |