# Fractions, Simplest Form, and the Greatest Common Factor 

Date

One three-step strategy for simplifying fractions uses the greatest common factor (GCF) between the numerator and denominator.

Step 1: Factor the numerator and denominator to find their greatest common factor.


The Greatest Common Factor (GCF) is: $2 \times 2 \times 5=20$

Step 2: Divide each by their greatest common factor.

$$
340 \div 20=17 \quad 800 \div 20=40
$$

Step 3: Find the simplest form of the fraction.
$\frac{17}{40}$

Try \| \|! simplify each fraction by applying the three-step procedure using the greatest common factor.


