

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

## Simplify fractions with common factors

Write each fraction in its simplest form

$$\frac{8}{16} = \square$$

$$\frac{5}{15} = \square$$

$$\frac{7}{21} = \square$$

$$\frac{12}{20} = \square$$

$$\frac{18}{45} = \square$$

$$\frac{11}{66} = \square$$

$$\frac{16}{64} = \square$$

$$\frac{75}{100} = \square$$

For each of these improper fractions, convert to a mixed number then simplify using the HCF

$$\frac{50}{12} = \square$$

$$\frac{45}{10} = \square$$

$$\frac{82}{8} = \square$$

$$\frac{68}{12} = \square$$

$$\frac{94}{10} = \square$$

$$\frac{48}{9} = \square$$

$$\frac{35}{15} = \square$$

$$\frac{69}{6} = \square$$