

Simplify fractions with common factors

Write each fraction in its simplest form

Answer sheet

$$\frac{8}{16} = \boxed{\frac{1}{2}}$$

$$\frac{5}{15} = \boxed{\frac{1}{3}}$$

$$\frac{7}{21} = \boxed{\frac{1}{3}}$$

$$\frac{12}{20} = \boxed{\frac{3}{5}}$$

$$\frac{18}{45} = \boxed{\frac{2}{5}}$$

$$\frac{11}{66} = \boxed{\frac{1}{6}}$$

$$\frac{16}{64} = \boxed{\frac{1}{4}}$$

$$\frac{75}{100} = \boxed{\frac{3}{4}}$$

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

$$\frac{50}{12} \quad \frac{25}{6} = \boxed{4\frac{1}{6}}$$

$$\frac{45}{10} \quad \frac{9}{2} = \boxed{4\frac{1}{2}}$$

$$\frac{82}{8} \quad \frac{41}{4} = \boxed{10\frac{1}{4}}$$

$$\frac{68}{12} \quad \frac{17}{3} = \boxed{5\frac{2}{3}}$$

$$\frac{94}{10} \quad \frac{47}{5} = \boxed{9\frac{2}{5}}$$

$$\frac{48}{9} \quad \frac{16}{3} = \boxed{5\frac{1}{3}}$$

$$\frac{35}{15} \quad \frac{7}{3} = \boxed{2\frac{1}{3}}$$

$$\frac{69}{6} \quad \frac{23}{2} = \boxed{11\frac{1}{2}}$$