

### Simplifying fractions

Write these fractions in their simplest form.

$\frac{8}{16} =$	$\frac{3}{12} =$
$\frac{6}{18} =$	$\frac{2}{10} =$
$\frac{10}{30} =$	$\frac{10}{16} =$
$\frac{12}{20} =$	$\frac{14}{16}$
$\frac{36}{45} =$	$\frac{42}{49} =$
$\frac{115}{230} =$	$\frac{?}{42} = \frac{1}{3}$

### Converting fractions

Convert these fractions in between mixed number fractions and improper fractions. Can any of your mixed number answers be simplified?

Mixed number fractions	Improper fractions
	$\frac{5}{3}$
$1\frac{3}{5}$	
	$\frac{13}{8}$
$3\frac{2}{4}$	
	$\frac{27}{8}$
$6\frac{2}{5}$	
	$\frac{69}{9}$

### Adding and subtracting fractions

If you can, write your answers in the simplest form.

$\frac{2}{3} + \frac{1}{6} =$	$\frac{1}{3} + \frac{1}{6} =$
$\frac{1}{2} + \frac{3}{8} =$	$\frac{5}{16} + \frac{5}{8} =$
$\frac{2}{3} + \frac{5}{6} =$	$\frac{5}{6} + \frac{7}{12} =$
$\frac{1}{6} + \frac{1}{3} + \frac{5}{12} =$	$\frac{3}{4} + \frac{1}{2} + \frac{5}{8} =$
$\frac{7}{10} + \frac{1}{5} + \frac{23}{30} =$	$\frac{2}{3} - \frac{1}{2} =$
$\frac{11}{12} - \frac{3}{6} =$	$\frac{16}{25} - \frac{3}{5} =$
$\frac{7}{12} - \frac{2}{5} =$	$\frac{4}{13} - \frac{3}{12} =$

### Multiplying and dividing fractions

If you can, write your answers in the simplest form. (Don't forget to flip reverse it ☺)

$\frac{2}{5} \times \frac{1}{4} =$	$\frac{1}{5} \times \frac{5}{8} =$	$\frac{2}{5} \times \frac{5}{9} =$
$\frac{1}{3} \times 5 =$	$\frac{1}{8} \times 3 =$	$\frac{1}{5} \times 12 =$
$\frac{1}{2} \times 6 =$	$2 \times 3\frac{4}{7} =$	$3 \times 4\frac{3}{5} =$
$2 \times 4\frac{6}{8} =$	$\frac{3}{5} \div 2 =$	$\frac{5}{6} \div 2 =$
$\frac{2}{5} \div 4 =$	$\frac{20}{32} \div 5 =$	$\frac{21}{36} \div 7 =$

You've finished WOOHOO!