Y5 Mathematics	Fractions				
Types of Fractions	Compare and Order Fractions	Vocabulary			
$\begin{array}{c c}\hline \hline $	$\frac{1}{3}, \frac{5}{6}, \frac{7}{12}$	numeratorTop number in a fraction.Shows how many parts wehave			
• • § 2 $\frac{1}{2}$ Mixed number	$\begin{array}{c} 4 \\ \frac{4}{12}, \frac{10}{12}, \frac{7}{12} \\ \frac{1}{3}, \frac{7}{12}, \frac{5}{6} \end{array}$	denominatorBottom number in a fraction. Shows how many equal parts in the whole			
2	Compare and order by using common denominators	commonWhen the denominators ofdenominatortwo or more fractions arethe same			
$\frac{1}{4} = \frac{3}{12}$ Equivalent fractions					
	Convert between improper fractions and mixed numbers	multipleThe result of multiplying a number by an integer			
	Improper to mixed number				
$\frac{1}{2} = \frac{5}{10}$	Divide the numerator by the denominator	equivalent fractionsFractions that have the same value but look different			
By multiplying or dividing the numerator and	$7 \div 4 = 1 r 3$				
denominator by the same number, the new fraction will be an equivalent fraction	$\begin{array}{c} 1 \\ \frac{7}{4} \\ \end{array}$	proper fractionThe numerator is less than the denominator – value is less than 1 whole			
x5 $\frac{1}{2} = \frac{5}{10}$ $\frac{1}{4} = \frac{3}{12}$	1 ³ / ₄ Mixed number to improper There are 4 parts in the whole	improper fractionThe numerator is greater than the denominator – value is greater than 1 whole			
	$\frac{1}{4} + \frac{1}{4} + \frac{1}$	mixedA whole number and anumberfraction part			
x5 ÷5					

Y5 Mathematics	Fractions			
Adding Fractions		Subtracting Fractions	CADEMIES TRUST	
$\begin{array}{c c} 1 & 5 \\ \hline 6 & 12 \\ \hline \end{array} + \end{array}$	We need to have a common denominator to be able to add and subtract	$\frac{5}{6} - \frac{2}{3} = \frac{5}{6} - \frac{4}{6} = \frac{1}{6}$		
$\frac{1}{2} = \frac{2}{12} + \frac{5}{12} = \frac{7}{12}$ $6 12 12 12 12$		$1\frac{7}{12} - \frac{3}{4} = 1\frac{7}{12} - \frac{9}{12}$	$=\frac{10}{12}$	
$2 \frac{2}{15} + 4 \frac{2}{3} = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 = 2 + 4 + 2 + 4 = 2 + 4 + 2 + 4 = 2 + 4 + 2 + 4 = 2 + 4 + 2 + 4 = 2 +$	$= 6 \frac{12}{15}$			
	$\frac{10}{15} = \frac{12}{15}$	$2 \frac{3}{4} - 1 \frac{5}{8} = 1 \frac{1}{8}$		
Multiplying Fractions by an Integer				

$$\frac{1}{12} \frac{1}{12} \frac$$