

FRACTION OPERATIONS

ADDING FRACTIONS	SUBTRACTING FRACTIONS	MULTIPLYING FRACTIONS	DIVIDING FRACTIONS
1. Get a common denominator if necessary.	1. Get a common denominator if necessary.	1. Put all whole numbers over one; Change all mixed numbers to improper fractions.	1. Put all whole numbers over one; Change all mixed numbers to improper fractions.
2. Add the new numerators.	2. Subtract the new numerators.	2. Cross cancel if possible.	2. K.F.C or Keep, Change, Flip
3. Put the sum of the numerators over the common denominator.	3. Put the difference of the numerators over the common denominator.	3. Multiply straight across.	<ul style="list-style-type: none"> ✓ Keep the first fraction the same. ✓ Change the division sign to a multiplications sign. ✓ Flip the numerator and the denominator of the second fraction.
4. Simplify if possible.	4. Simplify if possible.	$\frac{\text{numerator} \times \text{numerator}}{\text{denominator} \times \text{denominator}}$	
✓ Reduce a proper fraction.	✓ Reduce a proper fraction.	4. Simplify if possible.	3. Cross cancel if possible.
✓ Change an improper fraction to a mixed number.	✓ Change an improper fraction to a mixed number.	✓ Reduce a proper fraction.	4. Multiply straight across.
		✓ Change an improper fraction to a mixed number.	5. Simplify if possible.