

GCSE UNIT SUMMARY: UNIT 18: More fractions, reciprocals, standard form, zero and negative indices

18a) Fractions

Unit Description	Taught	Revision Priority
Add and subtract mixed number fractions;		
Multiply mixed number fractions;		
Divide mixed numbers by whole numbers and vice versa;		
Find the reciprocal of an integer, decimal or fraction;		
Understand 'reciprocal' as multiplicative inverse, knowing that any non-zero number multiplied by its reciprocal is 1 (and that zero has no reciprocal because division by zero is not defined).		

18b) Indices and standard form

Unit Description	Taught	Revision Priority
Use index laws to simplify and calculate the value of numerical expressions involving multiplication and division of integer powers, fractions and powers of a power;		
Use numbers raised to the power zero, including the zero power of 10;		
Convert large and small numbers into standard form and vice versa;		
Add, subtract, multiply and divide numbers in standard form;		
Interpret a calculator display using standard form and know how to enter numbers in standard form.		