

REVISION LISTS - DECEMBER 2023

Year 7 Test: Friday 8th December

Year 7 (Sets 1-8)

- Converting between fractions, decimals and percentages
- Changing fractions to decimals
- Percentages of amounts
- Percentage increase and decrease
- Simplify ratio
- Sharing in a ratio
- Ratio problems
- Recipes

Year 7 (Sets 9 - 10)

- Read and write numbers
- Add and subtract whole numbers mentally
- Add and subtract using column method
- Recall of times tables; 2s, 3s, 4s, 5s and 10s.
- Multiples
- Odd and even numbers

Year 8 Test: Monday 11th December

Year 8 Sets 1 - 2 Test date: 27th November

- Area of triangles and parallelograms
- Angles on parallel lines
- Angles in triangles and quadrilaterals
- Calculate interior and exterior angles
- Add, subtract, multiply, divide fractions
- Change mixed numbers into improper fractions and vice versa

Year 8 Sets 3-9

- Add, subtract and multiply decimals
- Convert between fractions, decimals and percentages
- Percentage of an amount
- Percentage increase and decrease
- Utility bills

Year 8 Set 10

- Add, subtract, multiply, divide
- Multiples and factors
- Rounding to nearest 10, 100 and 1000
- Multiply and divide by 10, 100 and 1000
- Powers and roots (square numbers, square roots, cube numbers)
- Prime numbers
- Add and subtract with positive and negative numbers
- BIDMAS/BODMAS
- Fraction of an amount
- Equivalent fractions
- Simplify fractions
- Change mixed numbers into improper fractions and vice versa
- Add and subtract fractions

Year 9 Test: Wednesday 13th December

Year 9 Higher (Sets 1 - 2) - Calculator allowed

- Probability - relative frequency, Venn diagrams and tree diagrams
- BIDMAS/BODMAS
- Estimate and check answers
- Speed, distance, time
- Density
- Exchange rates
- Money problems and utility bills

Year 9 Foundation

- Add, subtract, multiply and divide decimals
- Converting between fractions, decimals and percentages
- Percentages of an amount
- Using multipliers
- Percentage increase and decrease
- Compound interest
- Expressing an amount as a percentage

Year 10 Test: Tuesday 28th November 2023

Year 10 Higher - G, R

- Factorising linear expressions
- Factorising quadratic expressions when the x^2 coefficient is equal to 1.
- Factorising quadratic expressions when the x^2 coefficient is not equal to 1.
- Difference of two squares
- Simplifying algebraic fractions
- Forming quadratic equations
- Sine/Cosine rule
- 3D Pythag and Trig

Year 10 Intermediate (O, W, T, H)

- Drawing straight line graphs
- Drawing quadratic graphs
- Finding the equation of a straight line
- Properties of parallel and perpendicular lines
- Interpreting conversion graphs
- Drawing and interpreting distance-time graphs
- Pythagoras' Theorem

Year 10 Foundation (M, I, N)

- Add, subtract, multiply and divide decimals
- Converting between fractions, decimals and percentages
- Percentages of an amount

- Using multipliers
- Percentage increase and decrease
- Compound interest
- Expressing an amount as a percentage