## Yr11 Nov Mock Revision Topics 2020 - Foundation

| Paper 1 | Paper 2 | Paper 3 |
| :---: | :---: | :---: |
| Place value | Algebra simplification | Circle parts |
| Equation | Square number | Algebra notation |
| Inequality | Time interval | Cube number |
| Estimation of square root | Rotational symmetry | Conversion |
| Multiplication of integers | Range | Improper fraction to mixed number |
| Composite bar chart | Median | Fraction to decimal with rounding |
| Decimal divided integer | Money problem | Notes and coins |
| Decimal product | Equation | Substitution and inequality words |
| Number cards | Algebra simplification | Integers |
| Evaluate result | Cost of journey | Change of subject |
| Ordering answers to calculations | Percentage shaded | Algebra simplification |
| Probability | Pictogram problem | Coordinate problem |
| Set up equation and proportion | Calculations | Time problem |
| Estimation by rounding | Listing outcomes | Assumption |
| Perimeter of rectangles and ratio | Geometrical drawing | Units |
| Angles on a line | Vertices | Proportion |
| Cube evaluation | Fraction deduction | Sequence |
| Draw linear graph | Ratio problem | Evaluate validity of an argument |
| One amount as a fraction of another | Algebra simplifications | Inference |
| Percentage problem | Capacity problem | Mode from frequency table |
| Present an argument | Properties of a rhombus | Mean from frequency table |
| Event | Scale drawing | Distance-time graph |
| Equation | Prime number problem | Perimeter expression |
| Angles in triangle and ratio | Surface area | Ratio and equation |
| Discrete data | Relative frequency | Probability with factors and multiples |
| Reflection | Lowest common multiple | Volume of cuboid problem |
| Rotation | Type or correlation | Tiling problem |
| Geometric progression | Line of best fit | Evaluate method |
| Fibonacci-type sequence | Reasoning | Scale drawing |
| Deduction | Speed, distance, time | Probability |
| Powers problem | Identity | Interpret proportion equation |
| Volume of cylinder and sphere | Bearings | Simultaneous equations |
| Ratio problem | Linear sequence problem | Pie chart |
| Standard form | Vector calculation | Rate of change |
| Number problem | Repeated percentage change | Root, reciprocal and ratio |
| Proportion statements |  | Trigonometry |
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## Yr11 Nov Mock Revision Topics 2020 - Higher

| Paper 1 | Paper 2 | Paper 3 |
| :---: | :---: | :---: |
| Percentage reduction | Expand brackets | Relative frequency |
| Linear equation | Unit conversion | Gradient of a line |
| Midpoint | Fractions | Quadratic expansion |
| Laws of indices | Identify a graph | Error intervals |
| Reflection | Lowest common multiple | Simultaneous equations |
| Rotation | Type or correlation | Tiling problem |
| Geometric progression | Line of best fit | Evaluate method |
| Fibonacci-type sequence | Reasoning | Scale drawing |
| Deduction | Speed,distance, time | Probability |
| Powers problem | Identity | Pie chart |
| Volume of cylinder and sphere | Bearings | Interpret proportion equation |
| Ratio problem | Linear sequence problem | Root, reciprocal and ratio |
| Standard form | Repeated percentage change | Rate of change |
| Number problem | Pythagoras and perimeter | Data to support a hypothesis |
| Proportion statements | Estimate of mean | Limitations of sampling |
| Sequences | Histogram | Cubic graph |
| Estimation | Pressure and area | Income tax |
| Quadrilateral problem | Rearrange a formula | Product rule for counting |
| Fraction and percentage problem | Percentage | Functions |
| Vector subtraction | Probability | Roots |
| Linear equation | Form a quadratic equation | 3-D trig |
| Box plots | Evaluate a solution | Equation of a circle |
| Venn digram | Sine Graph | Ratio |
| Recurring decimals | Functions | Quadratic equation |
| Parallel lines | Algebraic proof | Ratio and fraction |
| Factorisation | Gradient of a time-distance graph | Enlargement |
| Difference of two squares and simplification | Similar solids | Speed-time graph |
| Surds | Inequalities | Area of a triangle |
| Probability | Geometric proof | Sine and cosine rules |
| Circumference | Proportion | Vector geometry |
| Turning points | Iteration | Inverse and compound functions |
| Indices |  |  |
| Trig values |  |  |

