

Summer 2018 Exam Checklist

Year 8 Main 8X3 8X4 8Y3

I can complete and interpret a pictogram
I can convert between fractions, decimals and percentages
I can simplify an algebraic expression
I can create and solve a two step equation
I can simplify a ratio
I can calculate the area of triangles, trapezia and parallelograms
I can compare two fractions
I can calculate the angles needed to construct a pie chart
I can increase/decrease an amount by a given percentage
I can calculate the perimeter of 2D shapes
I can substitute into functions
I can write a quantity as a fraction of the total from a ratio
I can find angles on parallel lines
I can find the HCF or LCM of 2 or more numbers
I can complete and interpret a two-way table
I can calculate the area of a composite shape
I can interpret a bar chart
I can calculate the perimeter of 2D shapes
I can recognise prime numbers
I can recognise and continue common sequences
I can find a percentage of an amount
I can calculate the volume of a prism
I can convert between fractions, decimals and percentages
I can calculate unknown angles in a triangle
I can compare two fractions
I can interpret a travel time table
I can simplify an algebraic expression
I can solve an equation with 1 unknown
I can interpret a pie chart
I can increase/decrease an amount by a given percentage
I can use the formula for the area of a circle

Year 8 Extension 8X1 8XA 8Y1 8YA

I can calculate the area of triangles, trapezia and parallelograms
I can compare two fractions
I can calculate the angles needed to construct a pie chart
I can increase/decrease an amount by a given percentage
I can calculate the perimeter of 2D shapes
I can substitute into functions
I can write a quantity as a fraction of the total from a ratio
I can find angles on parallel lines
I can find the HCF or LCM of 2 or more numbers
I can complete and interpret a two-way table
I can calculate the area of a composite shape
I can use knowledge of interior angle sums of regular polygons
I can expand over a single bracket
I can solve an equation with 1 unknown
I can find and use the nth term of a linear sequence
I can use estimation to approximate a calculation
I can find a percentage of an amount
I can calculate the volume of a prism
I can convert between fractions, decimals and percentages
I can calculate unknown angles in a triangle
I can compare two fractions
I can interpret a travel time table
I can simplify an algebraic expression
I can solve an equation with 1 unknown
I can interpret a pie chart
I can increase/decrease an amount by a given percentage
I can use the formula for the area of a circle
I can continue a sequence based on a diagram
I can find a reverse percentage
I can interpret a calculator display
I can round to a given number of significant figures
I can create and solve a two step equation
I can use the formula for the circumference of a circle