[Mathematics](https://www.shuledirect.co.tz/notes/list_notes/2/22472)

1. [Numbers](https://www.shuledirect.co.tz/notes/list_notes/2/22472#22473)
	1. Base Ten Numeration
		* Identify the place value in each digit in base ten numeration
		* Read numbers in base ten numeration
		* Write numbers in base ten numeration up to one billion
		* Apply numbers in daily life
	2. Natural and Whole Number
		* Distinguish between natural and whole numbers
		* Identify even ,odd, and prime numbers
		* Show even , odd and prime numbers on number lines
	3. Operations with Whole Numbers
		* Add whole numbers
		* Subtract whole numbers
		* Multiply whole numbers
		* Divide whole numbers
		* Use the four operations in solving word problems
	4. Factors And Multiples Of Numbers
		* Find factors of a number
		* Find multiples of a number
		* Use factors to find the greatest common factors(GCF) of numbers
	5. Integers
		* Identify integers
		* Add integers
		* Subtract integers
		* Multiply integers
		* Divide integers
		* Perform mixed operations on integers
2. [Fractions](https://www.shuledirect.co.tz/notes/list_notes/2/22472#22521)
	1. Proper, Improper and Mixed Numbers
		* Describe a fraction
		* Distinguish proper, improper fractions and mixed numbers
	2. Comparison of Fractions
		* Simplify a fraction to its lowest terms
		* Identify equivalent fractions
		* Arrange fractions in order of size
	3. Operations and Fractions
		* Add fractions
		* Subtract fractions
		* Multiply fractions
		* Divide fractions
		* Perform mixed operations on fractions
		* Solve word problems involving fractions
3. [Decimal And Percentage](https://www.shuledirect.co.tz/notes/list_notes/2/22472#22547)
	1. Decimals
		* Explain the concept of decimals
		* Convert fractions to terminating decimals and vice versa
	2. Operations and Decimals
		* Add decimals
		* Subtract decimals
		* Multiply decimals
		* Perform mixed operations with decimals
		* Solve word problems involving decimals
	3. Percentages
		* Express a quantity as a percentage
		* Convert a fraction into percentage and vice versa
		* Convert a decimal into percentage and vice versa
		* Apply percentages in daily life
4. [Units](https://www.shuledirect.co.tz/notes/list_notes/2/22472#22573)
	1. Units of Length
		* Convert one unit of length to another
		* Perform computations on metric units of length
	2. Unit of Mass
		* Convert one unit of mass to another
		* Perform computation on metric units of mass
	3. Units of Time
		* Convert one unit of time to another
		* Read and convert unit time of 12 hour clock to 24 hour clock and vice versa
	4. Units of Capacity
		* State the standard unit of measuring capacity
		* Use the litre in daily life
5. [Approximations](https://www.shuledirect.co.tz/notes/list_notes/2/22472#22594)
	1. Rounding Off Numbers
		* Round off whole numbers to given place values
		* Round off decimals to a given number of decimal place
	2. Significant Figures
		* Write a number to a given number of significant figures
	3. Approximations in Calculations
		* Use the knowledge of rounding off of numbers in computations involving large numbers and small numbers
6. [Geometry](https://www.shuledirect.co.tz/notes/list_notes/2/22472#22606)
	1. Points and Lines
		* Explain the concept of a point
		* Extend the concept of a point to draw a line
		* Distinguish between a line, a line segment and a ray
	2. Angles and Lines
		* Draw angles
		* Measure angles of different size using a protractor
		* Draw angles using a protractor
	3. Constructions
		* Construct a perpendicular bisector to a line segment
		* Construct an angle of 60° using a pair of compasses
		* Bisect a given angle
		* Copy a given angle by construction
		* Construct parallel lines
		* Identify different types of angles formed by parallel lines and a transversal
	4. Polygons And Regions
		* Describe a polygon and a region
		* Construct different types of triangles
		* Construct different quadrilaterals
	5. Circles
		* Draw a circle
		* Describe different parts of a circle
7. [Algebra](https://www.shuledirect.co.tz/notes/list_notes/2/22472#22646)
	1. Algebraic Operations
		* Use symbols to form algebraic expressions
		* Simplify algebraic expressions
	2. Equations with One Unknown
		* Solve an equation with one unknown
		* Form and solve an equation from word problems
	3. Equations with Two Unknowns
		* Solve simultaneous equations
		* Solve linear simultaneous equations from practical situations
	4. Inequalities
		* Solve linear inequalities in one unknown
		* Form linear inequalities from practical situations
8. [Numbers (II)](https://www.shuledirect.co.tz/notes/list_notes/2/22472#22669)
	1. Rational Numbers
		* Define a rational number
		* Perform the basic operations on rational numbers
	2. Irrational Numbers
		* Define irrational numbers
	3. Real Numbers
		* Define real numbers
		* Find absolute value of real numbers
		* Solve related practical problems
9. [Ratio, Profit And Loss](https://www.shuledirect.co.tz/notes/list_notes/2/22472#22685)
	1. Ratio
		* Express a ratio in its simplest form
		* Divide a given quantity into proportional parts
	2. Profits and Loss
		* Find profit or loss
		* Calculate percentage profit and percentage profit and percentage loss
	3. Simple Interest
		* Calculate simple interest
		* Solve real life problems related to simple interest
10. [Coordinate Geometry](https://www.shuledirect.co.tz/notes/list_notes/2/22472#22701)
	1. Coordinates of a Point
		* Read the coordinates of a point
		* Plot a point given its coordinates
		* Locate a point on the coordinates
	2. Gradient (Slope) of a Line
		* Calculate the gradient of a line given two points
	3. Equation of a Line
		* Find the equations of a line given the coordinates of two points on a line
	4. Graphs of Linear Equations
		* Form the table of value
		* Draw the graph of a linear equation
	5. Simultaneous Equations
		* Solve linear simultaneous equations graphically
11. [Perimeters And Areas](https://www.shuledirect.co.tz/notes/list_notes/2/22472#22723)
	1. Perimeters of Triangles and Quadrilaterals
		* Find the perimeters of triangles and quadrilaterals
	2. Circumference of a Circle
		* Estimate the value of Pi ( Π)
		* Calculate the circumference of a circle
	3. Areas of Rectangles and Triangles
		* Calculate the area of a rectangle
	4. Areas of Trapezium and Parallelogram
		* Calculate area of a parallelogram
		* Calculate the area of a trapezium
	5. Area of a Circle
		* Calculate areas of circle