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## Numbers

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**1** *Comprehension of cardinal numbers.*

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- 1.1 Identify numbers from 1000 to 9999.
- 1.2 Read and write numbers from 1000 through 9999.
- 1.3 Order numbers from 0 to 9999.
- 1.4 Group ones into tens, tens into hundreds and hundreds into thousands.
- 1.5 Determine the number of thousands, hundreds, tens and ones in a four digit number.
- 1.6 Write two to four digit numbers in expanded form.
- 1.7 Compare up to four digit numbers using  $>$  or  $<$ .

**2** *Determining the value of money.*

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- 2.1 Read and write Rufiyaa and Laari in "decimal notation".
- 2.2 Know that Rf. 1 = 100 L.
- 2.3 Convert Laari less than 999 into Rufiyaa.

**3** *Comprehension of ordinal numbers.*

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- 3.1 Read and write ordinal numbers.
- 3.2 Describe the pattern of naming ordinal numbers.

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# Addition

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## **1** *Comprehension of addition.*

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- 1.1 Add 2-3 digit numbers for sums up to 999, without renaming.
- 1.2 Add 2-3 digit numbers for sums up to 999, with renaming.
- 1.3 Carry out addition of Rufiyaa and Laari (sums not more than Rf. 9.99, with renaming).
- 1.4 Add 2-5 one digit numbers in 1-4 steps.

## **2** *Mental addition.*

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- 2.1 Add mentally two 1-digit numbers with sums upto 18.

## **3** *Application of addition.*

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- 3.1 Solve one step word problems involving 2-3 digit numbers, with sums up to 999.
- 3.2 Solve one step word problems in money with sums up to Rf. 9.99 with renaming.

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# Subtraction

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**1** *Comprehension of subtraction.*

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- 1.1 Subtract 2-3 digit numbers for minuends up to 999, without renaming.
- 1.2 Subtract 2-3 digit numbers for minuends up to 999, with renaming.
- 1.3 Carry out subtraction of Rufiyaa and Laari with renaming (minuends up to Rf. 9.99).

**2** *Mental subtraction.*

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- 2.1 Subtract mentally 1-digit numbers for minuends upto 18.

**3** *Application of subtraction.*

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- 3.1 Solve one step word problems involving subtraction of 2-3 digit numbers with minuends up to 999.
- 3.2 Solve one step word problems in money with minuends up to Rf. 9.99 with renaming.

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# Multiplication

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## **1** *Comprehension of multiplication.*

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- 1.1 Relate multiplication to repeated addition.
- 1.2 Multiply numbers whose product is not greater than 90.
- 1.3 Show the commutative property of multiplication.

## **2** *Mental multiplication.*

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- 2.1 Multiply mentally, numbers whose product is not greater than 90.

## **3** *Application of multiplication.*

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- 3.1 Solve one-step word problems involving multiplication of whole numbers, including money, with products up to 90.

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# Division

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## **1** *Comprehension of division.*

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- 1.1 Divide a set of objects into a given number of groups.
- 1.2 Transform multiplication sentences into division sentences.
- 1.3 Divide whole numbers, without remainders, by one digit divisors.  
The dividends should only be up to 81.

## **2** *Mental division.*

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- 2.1 Divide mentally, whole numbers with dividends through 45, by 1-digit divisors without remainder.

## **3** *Application of division.*

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- 3.1 Solve one step word problems involving division of whole numbers, including money, with dividends up to 81.

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# Fractions

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**1** *Comprehension of fractions.*

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- 1.1 Identify unit fractions up to  $\frac{1}{10}$
- 1.2 Identify and name a fraction of a whole up to 10 parts.
- 1.3 Compare like fractions (fractions with the same denominators).
- 1.4 Form equivalent fractions to a given fraction (up to  $\frac{10}{10}$ ).

**2** *Addition and subtraction of like fractions.*

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- 2.1 Carry out addition on like fractions.
- 2.2 Carry out subtraction on like fractions.

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# Geometry

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**1** *Comprehension of shapes.*

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- 1.1 Recognise, name and draw squares, rectangles, triangles and circles and quadrilaterals.

**2** *Comprehension of angles.*

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- 2.1 Identify angles in the environment.
- 2.2 Identify the right angles in squares, rectangles, quadrilaterals and triangles.
- 2.3 Say whether a given angle is greater or smaller than a right angle.

**3** *Geometric construction.*

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- 3.1 Draw straight lines of given lengths.

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# Length

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**1** *Comprehension of length.*

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- 1.1 Measure lengths in metres and centimetres.
- 1.2 Measure lengths in inches and feet.
- 1.3 Convert metres into cm and centimetres into m and cm.

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# Mass

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**1** *Comprehension of mass.*

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- 1.1 Measure mass in kilograms using balances and scales.
- 1.2 Estimate the mass of objects in kilograms.
- 1.3 Determine the number of grams in one kilogram.
- 1.4 Convert kilogram to g and grams to kg and g.

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# Capacity

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**1** *Comprehension of capacity.*

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- 1.1 Determine the number of millilitres in one litre.
- 1.2 Measure capacity in millilitres using standard and locally made, millilitres measures.
- 1.3 Estimate the capacity of different containers in millilitres.
- 1.4 Convert litres to millilitres (exclude capacities greater than 9 litres).
- 1.5 Convert millilitres to litres and millilitres.

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# Graph

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**1** *Comprehension of graphs.*

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- 1.1 Read and interpret data presented in a pictograph.
- 1.2 Construct pictographs using data given.

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# Perimeter

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**1** *Comprehension of perimeter.*

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- 1.1 Develop techniques for estimating and measuring the perimeters of different objects and shapes.
- 1.2 Find the perimeter of certain objects and shapes in centimetres and metres.

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# Area

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**1** *Comprehension of area.*

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- 1.1 Introduce a one-centimetre square as a unit of measure for area.
- 1.2 Measure the area of shapes in square centimetres.
- 1.3 Use the formula to calculate the area of rectangles.

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# Time

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**1** *Comprehension of calendar.*

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- 1.1 Determine the number of days in a year.
- 1.2 Write the date of a particular day.

**2** *Comprehension of time.*

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- 2.1 Tell the time in minutes to the nearest five minutes using the twelve hour clock.