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## Numbers

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

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- 1.1 Identify numbers from 10 000 to 99 999.
- 1.2 Read and write numbers from 10 000 through 99 999.
- 1.3 Order numbers from 0 to 99 999.
- 1.4 Group ones into tens, tens into hundreds and hundreds into thousands.
- 1.5 Determine the number of ten-thousands, thousands, hundreds, tens and ones in a five digit number.
- 1.6 Write two to five digit numbers in expanded form.
- 1.7 Compare up to five 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 Convert Laari less than 9 999 into Rufiyaa.

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# Addition

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## 1 *Comprehension of addition.*

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- ◆ 1.1 Add 2-4 digit numbers for sums up to 9 999 without renaming.
- ◆ 1.2 Add 2-4 digit numbers for sums up to 9 999 with renaming.
  - 1.3 Associate the term "sum" with addition.
- ◆ 1.4 Carry out addition of Rufiyaa and Laari (sums not more than Rf. 99.99 with renaming).
- 1.5 Add 2-6 two digit numbers in 1-5 steps.

## 2 *Mental addition.*

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

## 3 *Application of addition.*

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- 3.1 Solve one step word problems involving 2-4 digit numbers, with sums up to 9999.
- 3.2 Solve one step word problems in money with sums up to Rf. 99.99 with renaming.

◆ review only topic  
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# Subtraction

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## 1 *Comprehension of subtraction.*

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- ◆ 1.1 Subtract 2-4 digit numbers for minuends up to 9 999, without renaming.
- ◆ 1.2 Subtract 2-4 digit numbers for minuends up to 9 999, with renaming.
- ◆ 1.3 Carry out subtraction of Rufiyaa and Laari with renaming (minuends up to Rf. 99.99 ).
- 1.4 Associate the term "difference" with subtraction.

## 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 2-4 digit numbers, with minuends up to 9 999.
- 3.2 Solve one step word problems in money with minuends up to Rf. 99.99 with renaming.

◆ review only topic  
◆◆ review only topic  
See page 2

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# Multiplication

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**1** *Comprehension of multiplication.*

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- 1.1 Multiply numbers by 0.
- 1.2 Multiply 2-3 digit numbers by 1-digit numbers.
- 1.3 Associate the term "product" with multiplication.

**2** *Comprehension of multiples.*

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- 2.1 Give the multiples of 1-digit numbers.
- 2.2 Find the lowest common multiple of two 1-digit numbers.

**3** *Mental multiplication.*

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

**4** *Application of multiplication.*

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- 4.1 Solve one step word problems involving multiplication of whole numbers, including money, with products up to 8991( $999 \times 9$ ).

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# Division

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**1** *Comprehension of division.*

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- 1.1 Divide 2-digit numbers by 1-digit numbers with or without renaming.
- 1.2 Divide 3-digit numbers by 1-digit numbers with or without renaming.
- 1.3 Associate terms "quotient" and "remainder" with division.

**2** *Mental division.*

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- 2.1 Divide mentally, whole numbers with dividends through 81, by 1-digit divisors without remainders.

**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 999).

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# Fractions

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## 1 *Comprehension of fractions.*

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- 1.1 Identify the numerator and denominator of a fraction.
- 1.2 Form an equivalent fraction to a given fraction (e.g.  $\frac{5}{8}$ ).
- 1.3 Reduce fractions to its lowest term, where numerator and denominator is less than 25.
- 1.4 Compare proper fractions with different denominators using diagrams (denominator less than 10).
- 1.5 Convert improper fractions to mixed numbers (numerator  $< 25$ , denominator  $< 10$ , e.g.  $\frac{24}{9}$ ).
- 1.6 Convert mixed numbers to improper fractions (in the resulting improper fraction, numerator  $< 25$ , denominator  $< 10$ , e.g.  $2\frac{6}{9}$ ).

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

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- 2.1 Carry out addition on fractions with same denominators (e.g.  $\frac{11}{7} + \frac{6}{7}$ ).
- 2.2 Carry out subtraction on fractions with same denominators (e.g.  $\frac{16}{11} - \frac{10}{11}$ ).

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# Geometry

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**1** *Comprehension of shapes.*

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- 1.1 Recognise and name different types of triangles (equilateral triangle, isosceles triangle, scalene triangle and right-angled triangle).
- 1.2 Recognise and name different types of quadrilaterals (square, rectangle, parallelogram, trapezium and rhombus).

**2** *Comprehension of angles.*

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- 2.1 Estimate and measure angles less than 180 in degrees.

**3** *Geometric construction.*

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- 3.1 Draw parallel lines using set-squares and compasses.

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# Measures

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**1** *Comprehension of length.*

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- 1.1 Measure lengths in centimetres and millimetres.
- 1.2 Convert centimetres into mm and millimetres into cm.
- 1.3 Measure lengths in kilometres (from a scaled drawing).
- 1.4 Convert kilometres into m and metres into km and m.

**2** *Comprehension of mass.*

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- 2.1 Convert kilograms into g and grams into kg and g

**3** *Comprehension of capacity.*

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- 3.1 Convert litres into ml and millilitres into l and ml.

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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 bar graph, where the scale represents 1 unit for one.
- 1.2 Construct bar graphs using data given (when the scale is marked).

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# Perimeter

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**1** *Comprehension of perimeter.*

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- 1.1 Find the perimeter of rectangles and squares in centimetres and metres.
- 1.2 Find the perimeter of compound figures made up of rectangles and / or squares and / or triangles.

**2** *Application of perimeter.*

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- 2.1 Solve word problems involving perimeters of squares and rectangles.

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# Area

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**1** *Comprehension of area.*

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- 1.1 Use the formula to calculate the area of rectangles and squares.
- 1.2 Find the area of compound figures made up of rectangles and squares.

**2** *Application of area.*

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- 2.1 Solve word problems involving area of squares and rectangles.

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# Volume

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**1** *Comprehension of volume.*

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- 1.1 Introduce a one-centimetre cube as a unit of measure for volume.
- 1.2 Measure the volume of solids in cubic centimeters.
- 1.3 Use formula to calculate the volume of cuboids.

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# Time

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**1** *Comprehension of calendar.*

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- 1.1 Tell the time using the twelve hour clock.
- 1.2 Tell the time using post-meridiem (p.m.) and ante-meridiem (a.m).
- 1.3 Tell the time using a 24 hour clock.
- 1.4 Conversion of p.m. and a.m. to 24 hour clock times and vice versa.
- 1.5 Convert hours to minutes.
- 1.6 Convert minutes to seconds.