



Class-III MATHS

NUMBERS AND COMPARING			
A.1	Even or odd	A.5	Ordinal numbers to 100th
A.2	Even or odd: arithmetic rules	A.6	Write numbers in words
A.3	Skip-counting puzzles	A.7	Comparing numbers
A.4	Number sequences	A.8	Which number is greatest/least?
		A.9	Put numbers in order
PLACE VALUES			
B.1	Place value models up to hundreds	B.5	Convert to/from a number
B.2	Place value names up to hundreds	B.6	Convert between place values
B.3	Place value names up to thousands	B.7	Convert from expanded form
B.4	Value of a digit	B.8	Convert between standard and expanded form
		B.9	Place value word problems
ADDITION			
C.1	Add two numbers up to three digits	C.6	Add three or more numbers up to three digits each
C.2	Addition input/output tables - up to three digits	C.7	Add three or more numbers up to three digits - word problems
C.3	Add two numbers up to three digits - word problems	C.8	Addition patterns over increasing place values
C.4	Complete the addition sentence - up to three digits	C.9	Addition: fill in the missing digits
C.5	Balance addition equations - up to three digits		
SUBTRACTION			
D.1	Subtract numbers up to three digits	D.5	Balance subtraction equations - up to three digits
D.2	Subtraction input/output tables - up to three digits	D.6	Subtraction patterns over increasing place values
D.3	Subtract numbers up to three digits - word problems	D.7	Subtraction: fill in the missing digits
D.4	Complete the subtraction sentence - up to three digits		
UNDERSTAND MULTIPLICATION			
E.1	Count equal groups	E.5	Identify multiplication expressions for arrays
E.2	Identify multiplication expressions for equal groups	E.6	Write multiplication sentences for arrays
E.3	Write multiplication sentences for equal groups	E.7	Make arrays to model multiplication
E.4	Relate addition and multiplication for equal groups	E.8	Write multiplication sentences for number lines
MULTIPLICATION SKILL BUILDERS			
F.1	Multiply by 0	F.7	Multiply by 6
F.2	Multiply by 1	F.8	Multiply by 7
F.3	Multiply by 2	F.9	Multiply by 8
F.4	Multiply by 3	F.10	Multiply by 9
F.5	Multiply by 4	F.11	Multiply by 10
F.6	Multiply by 5		
MULTIPLICATION FLUENCY			
G.1	Multiplication tables for 2, 3, 4, 5, 10	G.7	Multiplication tables up to 10
G.2	Multiplication facts for 2, 3, 4, 5, 10: true or false?	G.8	Multiplication facts up to 10: true or false?
G.3	Multiplication facts for 2, 3, 4, 5, 10: sorting	G.9	Multiplication facts up to 10: sorting
G.4	Multiplication tables for 6, 7, 8, 9	G.10	Multiplication sentences up to 10: true or false?
G.5	Multiplication facts for 6, 7, 8, 9: true or false?	G.11	Multiplication facts up to 10: find the missing factor
G.6	Multiplication facts for 6, 7, 8, 9: sorting	G.12	Multiplication facts up to 10: select the missing factors
		G.13	Squares up to 10 x 10
MULTIPLICATION			
H.1	Multiplication sentences	H.7	Multiply one-digit numbers by two-digit numbers: word problems
H.2	Multiply numbers ending in zeroes		
H.3	Multiplication input/output tables	H.8	Multiply one-digit numbers by three-digit numbers
H.4	Multiplication word problems	H.9	Multiply one-digit numbers by three-digit numbers: word problems
H.5	Multiplication word problems: find the missing factor	H.10	Box multiplication
H.6	Multiply one-digit numbers by two-digit numbers	H.11	Lattice multiplication
UNDERSTAND DIVISION			
I.1	Divide by counting equal groups	I.4	Write division sentences for arrays
I.2	Write division sentences for groups	I.5	Relate multiplication and division for arrays
I.3	Relate multiplication and division for groups		
DIVISION SKILL BUILDERS			
J.1	Divide by 1	J.6	Divide by 6
J.2	Divide by 2	J.7	Divide by 7
J.3	Divide by 3	J.8	Divide by 8
J.4	Divide by 4	J.9	Divide by 9
J.5	Divide by 5	J.10	Divide by 10
DIVISION FLUENCY			
K.1	Division facts for 2, 3, 4, 5, 10	K.7	Division facts up to 10
K.2	Division facts for 2, 3, 4, 5, 10: true or false?	K.8	Division facts up to 10: true or false?
K.3	Division facts for 2, 3, 4, 5, 10: sorting	K.9	Division facts up to 10: sorting
K.4	Division facts for 6, 7, 8, 9	K.10	Division facts up to 10: find the missing number
K.5	Division facts for 6, 7, 8, 9: true or false?	K.11	Division sentences up to 10: true or false?
K.6	Division facts for 6, 7, 8, 9: sorting		
DIVISION			
L.1	Complete the division table	L.3	Division word problems
L.2	Division input/output tables	L.4	Divisibility rules for 2, 5 and 10
DATA AND GRAPHS			
M.1	Interpret line plots	M.4	Create pictographs
M.2	Create line plots	M.5	Sort shapes into a Venn diagram
M.3	Interpret pictographs	M.6	Count shapes in a Venn diagram
MONEY			
N.1	Count coins and notes - up to 500-rupee note	N.5	Inequalities with money
N.2	Which picture shows more?	N.6	Put money amounts in order
N.3	Purchases - do you have enough money - up to 1,000 rupees	N.7	Add and subtract money amounts
N.4	Making change	N.8	Add money amounts - word problems
		N.9	Price lists
TIME			
O.1	Match analogue clocks and times	O.6	Elapsed time word problems
O.2	Match digital clocks and times	O.7	Time patterns
O.3	Read clocks and write times	O.8	Read a calendar
O.4	A.M. or P.M.	O.9	Reading schedules
O.5	Elapsed time	O.10	Timelines
MEASUREMENT			
P.1	Measure using a Centimeter ruler	P.6	Light and heavy
P.2	Which metric unit of length is appropriate?	P.7	Holds more or less
P.3	Compare and convert metric units of length	P.8	Compare weight and capacity
P.4	Conversion tables	P.9	Read a thermometer
P.5	Metric mixed units	P.10	Reasonable temperature
GEOMETRY			
Q.1	Identify two-dimensional shapes	Q.6	Is it a polygon?
Q.2	Count and compare sides and vertices	Q.7	Reflection, rotation and translation
Q.3	Identify three-dimensional shapes	Q.8	Symmetry
Q.4	Count vertices, edges and faces	Q.9	Maps
Q.5	Identify faces of three-dimensional shapes	Q.10	Find the area of rectangles and squares
		Q.11	Find the missing side length of a rectangle
PROPERTIES			
R.1	Addition, subtraction, multiplication and division terms	R.6	Solve using properties of multiplication
R.2	Understanding parentheses	R.7	Distributive property: find the missing factor
R.3	Properties of addition	R.8	Multiply using the distributive property
R.4	Solve using properties of addition	R.9	Relate addition and multiplication
R.5	Properties of multiplication	R.10	Relate multiplication and division
MIXED OPERATIONS			
S.1	Addition, subtraction, multiplication and division facts	S.6	Multiplication and division sentences up to 12: true or false?
S.2	Complete the addition, subtraction, multiplication or division sentence	S.7	Add, subtract, multiply and divide
S.3	Multiplication and division facts up to 5: true or false?	S.8	Addition, subtraction, multiplication and division word problems
S.4	Multiplication and division facts up to 10: true or false?	S.9	Add and subtract data from tables
S.5	Multiplication and division facts up to 12: true or false?	S.10	Multi-step word problems
		S.11	Missing operators
ESTIMATION AND ROUNDING			
T.1	Rounding	T.6	Estimate differences
T.2	Round money amounts	T.7	Estimate differences: word problems
T.3	Rounding puzzles	T.8	Estimate products
T.4	Estimate sums	T.9	Estimate products: word problems
T.5	Estimate sums: word problems	T.10	Estimate sums, differences and products: word problems
LOGICAL REASONING			
U.1	Guess the number	U.4	Age puzzles
U.2	Largest/smallest number possible	U.5	Find two numbers based on sum and difference
U.3	Find the order	U.6	Find two numbers based on sum, difference, product and quotient
PATTERNS			
V.1	Repeating patterns	V.4	Complete a repeating pattern
V.2	Growing patterns	V.5	Make a repeating pattern
V.3	Find the next shape in a pattern	V.6	Find the next row in a growing pattern
PROBABILITY			
W.1	More, less and equally likely	W.2	Certain, probable, unlikely and impossible
		W.3	Combinations

Class-IV MATHS

NUMBER SENSE			
A.1	Place values	A.5	Rounding
A.2	Convert between place values	A.6	Even or odd: arithmetic rules
A.3	Word names for numbers	A.7	Inequalities with number lines
A.4	Ordinal numbers to 100th	A.8	Compare numbers up to five digits
ADDITION			
B.1	Add numbers up to five digits	B.5	Add three or more numbers up to five digits each
B.2	Add numbers up to five digits: word problems	B.6	Addition patterns over increasing place values
B.3	Addition: fill in the missing digits	B.7	Choose numbers with a particular sum
B.4	Properties of addition	B.8	Estimate sums
		B.9	Estimate sums: word problems
SUBTRACTION			
C.1	Subtract numbers up to five digits	C.5	Choose numbers with a particular difference
C.2	Subtract numbers up to five digits: word problems	C.6	Estimate differences
C.3	Subtraction: fill in the missing digits	C.7	Estimate differences: word problems
C.4	Subtraction patterns over increasing place values		
MULTIPLICATION			
D.1	Multiplication facts to 10	D.13	Box multiplication
D.2	Multiplication facts up to 10: find the missing factor	D.14	Multiply a two-digit number by a two-digit number: complete the missing steps
D.3	Compare numbers using multiplication	D.15	Multiply a two-digit number by a two-digit number
D.4	Multiply 1-digit numbers by 2-digit numbers	D.16	Multiply a two-digit number by a two-digit number: word problems
D.5	Multiply 1-digit numbers by 3-digit or 4-digit numbers	D.17	Choose numbers with a particular product
D.6	Multiply 1-digit numbers by larger numbers	D.18	Multiply a two-digit number by a three-digit number: complete the missing steps
D.7	Multiplication patterns over increasing place values	D.19	Multiply a two-digit number by a three-digit number
D.8	Properties of multiplication	D.20	Multiply a two-digit number by a three-digit number: word problems
D.9	Estimate products - multiply by 1-digit numbers	D.21	Multiply numbers ending in zeroes
D.10	Estimate products - multiply by larger numbers	D.22	Multiply numbers ending in zeroes: word problems
D.11	Estimate products: word problems	D.23	Multiply three numbers
D.12	Box multiplication		
DIVISION			
E.1	Division facts to 10	E.7	Interpret remainders
E.2	Division facts to 10: word problems	E.8	Choose numbers with a particular quotient
E.3	Properties of division	E.9	Divide numbers ending in zeroes
E.4	Divide larger numbers	E.10	Estimate quotients: word problems
E.5	Divide larger numbers: word problems	E.11	Divisibility rules
E.6	Complete the division table	E.12	Divisibility rules: word problems
		E.13	Division patterns over increasing place values
MIXED OPERATIONS			
F.1	Add, subtract, multiply and divide	F.5	Word problems with extra or missing information
F.2	Addition, subtraction, multiplication and division word problems	F.6	Solve word problems using guess-and-check
F.3	Estimate sums, differences, products and quotients: word problems	F.7	Choose numbers with a particular sum, difference, product or quotient
F.4	Multi-step word problems	F.8	Mentally add and subtract numbers ending in zeroes
LOGICAL REASONING			
G.1	Find two numbers based on sum and difference	G.2	Find two numbers based on sum, difference, product and quotient
		G.3	Find the order
DATA AND GRAPHS			
H.1	Read a table	H.5	Create line plots
H.2	Interpret bar graphs	H.6	Frequency charts
H.3	Create bar graphs	H.7	Interpret stem-and-leaf plots
H.4	Interpret line plots	H.8	Create stem-and-leaf plots
		H.9	Choose the best type of graph
PATTERNS AND SEQUENCES			
I.1	Complete an increasing number pattern	I.3	Number patterns: word problems
I.2	Complete a geometric number pattern	I.4	Number patterns: mixed review
MONEY			
J.1	Compare money amounts	J.5	Making change
J.2	Round money amounts	J.6	Price lists
J.3	Add and subtract money amounts	J.7	Price lists with multiplication
J.4	Add, subtract, multiply and divide money amounts	J.8	Unit prices
UNITS OF MEASUREMENT			
K.1	Choose the appropriate metric unit of measure	K.3	Compare and convert metric units of mass
K.2	Compare and convert metric units of length	K.4	Compare and convert metric units of volume
		K.5	Metric mixed units
TIME			
L.1	Convert time units	L.5	Find start and end times: multi-step word problems
L.2	Add and subtract mixed time units	L.6	Convert between 12-hour and 24-hour time
L.3	A.M. or P.M.	L.7	Transportation schedules - 12-hour time
L.4	Elapsed time	L.8	Transportation schedules - 24-hour time
		L.9	Time patterns
GEOMETRY			
M.1	Which two-dimensional figure is being described?	M.6	Nets of three-dimensional figures
M.2	Identify three-dimensional figures	M.7	Number of sides in polygons
M.3	Count vertices, edges and faces	M.8	Identify lines of symmetry
M.4	Identify faces of three-dimensional figures	M.9	Rotational symmetry
M.5	Which three-dimensional figure is being described?		
GEOMETRIC MEASUREMENT			
N.1	Perimeter of rectangles	N.6	Find the area of figures made of unit squares
N.2	Perimeter of polygons	N.7	Select figures with a given area
N.3	Perimeter of rectilinear shapes	N.8	Select two figures with the same area
N.4	Perimeter: find the missing side length	N.9	Create figures with a given area
N.5	Use perimeter to determine cost	N.10	Find the area or missing side length of a rectangle
		N.11	Area and perimeter: word problems
FRACTIONS			
O.1	Halves and quarters	O.3	Simple fractions: what fraction does the shape show?
O.2	Equal parts	O.4	Divisibility rules for 2, 5 and 10
		O.5	Simple fractions: parts of a group
PROBABILITY			
P.1	Understanding probability	P.3	Make predictions
P.2	Find the probability	P.4	Combinations

Class-V MATHS

NUMBER SENSE			
A.1	Place values	A.4	Ordinal numbers to 100th
A.2	Convert between place values	A.5	Rounding
A.3	Word names for numbers	A.6	Even or odd: arithmetic rules
ADDITION AND SUBTRACTION			
B.1	Add and subtract whole numbers	B.5	Choose numbers with a particular sum or difference
B.2	Add and subtract whole numbers: word problems	B.6	Properties of addition
B.3	Complete addition and subtraction sentences	B.7	Estimate sums and differences of whole numbers
B.4	Fill in the missing digits	B.8	Estimate sums
MULTIPLICATION			
C.1	Multiply by one-digit numbers	C.10	Box multiplication
C.2	Multiply by one-digit numbers: word problems	C.11	Lattice multiplication
C.3	Multiplication patterns over increasing place values	C.12	Multiply by 2-digit numbers: complete the missing steps
C.4	Multiply numbers ending in zeroes	C.13	Multiply 2-digit numbers by 2-digit numbers
C.5	Multiply numbers ending in zeroes: word problems	C.14	Multiply 2-digit numbers by 3-digit numbers
C.6	Properties of multiplication	C.15	Multiply 2-digit numbers by larger numbers
C.7	Choose numbers with a particular product	C.16	Multiply by 2-digit numbers: word problems
C.8	Estimate products	C.17	Multiply three or four numbers
C.9	Estimate products: word problems	C.18	Multiply three or four numbers: word problems
DIVISION			
D.1	Division facts to 12	D.8	Estimate quotients: word problems
D.2	Division facts to 12: word problems	D.9	Division patterns over increasing place values
D.3	Divisibility rules	D.10	Divide numbers ending in zeroes
D.4	Divisibility rules: word problems	D.11	Divide numbers ending in zeroes: word problems
D.5	Divide by one-digit numbers	D.12	Divide by two-digit numbers
D.6	Divide by one-digit numbers: word problems	D.13	Divide by two-digit numbers: word problems
D.7	Divide by one-digit numbers: interpret remainders	D.14	Choose numbers with a particular quotient
DECIMALS			
E.1	What decimal number is illustrated?	E.7	Decimal number lines
E.2	Model decimals and fractions	E.8	Compare decimals on number lines
E.3	Understanding decimals expressed in words	E.9	Compare decimal numbers
E.4	Place values in decimal numbers	E.10	Put decimal numbers in order
E.5	Equivalent decimals	E.11	Convert fractions to decimals
E.6	Round decimals	E.12	Convert decimals to fractions
FRACTIONS			
F.1	Fractions review	F.8	Patterns of equivalent fractions
F.2	Unit fractions: modelling word problems	F.9	Write fractions in lowest terms
F.3	Unit fractions: word problems	F.10	Compare fractions
F.4	Fractions of a whole: modelling word problems	F.11	Put fractions in order
F.5	Fractions of a whole: word problems	F.12	Fractions of a number
F.6	Fractions of a group: word problems	F.13	Fractions of a number: word problems
F.7	Equivalent fractions	F.14	Mixed numbers
MIXED OPERATIONS			
G.1	Add, subtract, multiply and divide whole numbers	G.2	Add, subtract, multiply and divide whole numbers: word problems
PROBLEM SOLVING			
H.1	Multi-step word problems	H.4	Find the order
H.2	Word problems with extra or missing information	H.5	Use Venn diagrams to solve problems
H.3	Guess-and-check problems		
MONEY			
I.1	Add and subtract money amounts	I.4	Divide money amounts: word problems
I.2	Add and subtract money: word problems	I.5	Price lists
I.3	Multiply money amounts: word problems	I.6	Unit prices
NUMBER SEQUENCES			
J.1	Complete an increasing number sequence	J.4	Number sequences: word problems
J.2	Complete a geometric number sequence	J.5	Number sequences: mixed review
J.3	Use a rule to complete a number sequence		
DATA AND GRAPHS			
K.1	Read a table	K.8	Interpret histograms
K.2	Interpret line graphs	K.9	Create histograms
K.3	Create line graphs	K.10	Interpret line plots
K.4	Interpret bar graphs	K.11	Create line plots
K.5	Create bar graphs	K.12	Divide by two-digit numbers
K.6	Interpret pictographs	K.13	Interpret stem-and-leaf plots
K.7	Create pictographs	K.14	Create stem-and-leaf plots
		K.15	Choose the best type of graph
PROBABILITY			
L.1	Understanding probability	L.3	Make predictions
L.2	Find the probability	L.4	Combinations
TIME			
M.1	Convert time units	M.5	Convert between 12-hour and 24-hour time
M.2	Add and subtract mixed time units	M.6	Schedules and timelines - 12-hour time
M.3	Elapsed time	M.7	Schedules - 24-hour time
M.4	Find start and end times: word problems	M.8	Time patterns
UNITS OF MEASUREMENT			
N.1	Choose the appropriate metric unit of measure	N.4	Compare and convert metric units of volume
N.2	Compare and convert metric units of length	N.5	Choose the more reasonable temperature
N.3	Compare and convert metric units of mass	N.6	Metric mixed units
GEOMETRY			
O.1	Which figure is being described?	O.7	Rotational symmetry
O.2	Number of sides in polygons	O.8	Reflection, rotation and translation
O.3	Regular and irregular polygons	O.9	Identify three-dimensional figures
O.4	Types of angles	O.10	Count vertices, edges and faces
O.5	Measure angles with a protractor	O.11	Nets of three-dimensional figures
O.6	Lines of symmetry	O.12	Three-dimensional figures viewed from different perspectives
GEOMETRIC MEASUREMENT			
P.1	Perimeter	P.4	Area and perimeter of figures on grids
P.2	Perimeter: find the missing side lengths	P.5	Area and perimeter: word problems
P.3	Area of squares and rectangles	P.6	Use area and perimeter to determine cost
		P.7	Volume of figures made of unit cubes

