| Determine the pattern rule to make predictions about <br> subsequent elements. |
| :--- |
| Express a given problem as an equation in which a letter <br> variable is sued to represent an unknown number (limited to <br> whole numbers). |
| Solve problems involving single-variable, one-step equations <br> with whole number coefficients and whole number solutions. |

Use estimation strategies in problem-solving contexts.
Apply mental mathematics strategies and number properties
in order to understand and recall basic multiplication facts
in order to understand and recall basic multiplication facts
(multiplication tables) to 81 and related division facts.
Apply mental mathematics strategies for multiplication.
Demonstrate, with and without concrete materials, an
understanding of multiplication (2-digit by 2 -digit) to solve
Demonstrate, with and without concrete materials, an
understanding of division ( 3 -digit by 1-digit), and interpret
Demonstrate, with and without concrete materials, an
understanding of of ivision ( (-idigit by 1 -digitit, and interpret
remainders to solve probiems
Demonstrate an understanding of fractions by using
concrete, pictorial and symbolic representations to:
concrete, pictorial and symbolic representations to:
create sett of equivalent fractions
compre fractions with tike and unike denominators
Describe and represent decimals (tenths, hundredths,
thousandiths), concretely, pictorially and symbolically
Relate decimals to fractions and fractions to decimals (to
thousandths).
Compare and order decimals (to thousandths) by using:
benchmarks
Place value
equivalent decimals.
Demonstrate an understanding of addition and subtraction of
decimals (limited to thousandths).

Differentiate between first-hand and second-hand data
Construct and interpret double bar graphs to draw
Describe the likelihood of a single outcome occurring, using
words such as
impossible
possible
certain.
Compare the likelihood of two possible outcomes occurring, using words such as:
less likely
equally likely
more likely.

