Complete
Canadian
Curriculum
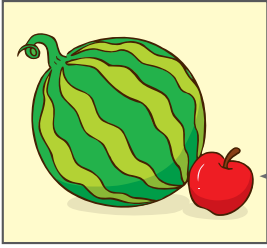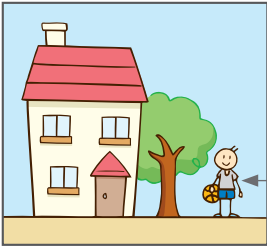
Grade

1

Math

Basic Math Concepts

- **Comparison**
  comparing the sizes, heights, lengths, widths, thicknesses, and weights of different things

  size
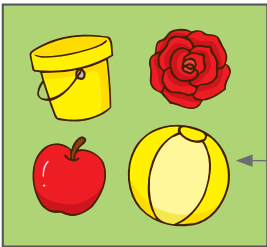
  The apple is **smaller** than the watermelon.

- **Ordering**
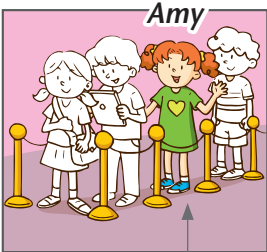 ordering things by their sizes, heights, numbers, etc.

  height

  boy, tree, house

  shortest ⟶ tallest

- **Sorting**
  sorting things with simple rules

  by colours

  red: flower, apple

  yellow: pail, ball

- **Sequencing**
  understanding the sequence of some events and using ordinal numbers to describe daily-life situations
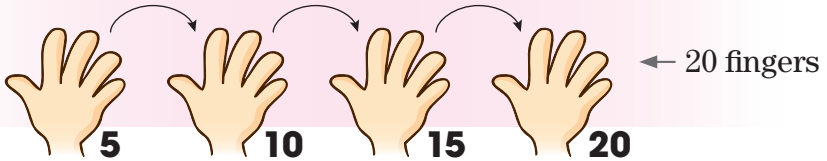
  Amy

  ordinal numbers

  Amy is the **3rd** in line.

Number Sense and Numeration

- **Skip Counting** – counting forward or backward in multiples of a given number

e.g. Count by 5's.

← 20 fingers

5   10   15   20

- **Even Number** – a number ending in 0, 2, 4, 6, or 8
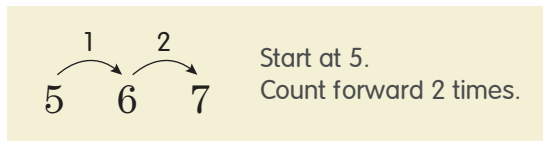
  Odd Number – a number ending in 1, 3, 5, 7, or 9

  e.g.

  36 36 – an even number   **47** 47 – an odd number
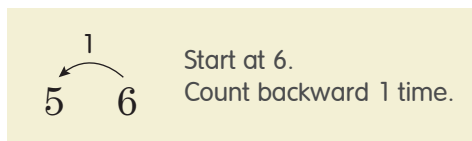
  ending in 6   ending in 7

- **More Than** – counting forward

  e.g. 2 more than 5 is __7__ .

  1   2

  5   6   7   Start at 5.
                       Count forward 2 times.

- **Less Than** – counting backward

  e.g. 1 less than 6 is __5__ .

  1

  5   6   Start at 6.
                  Count backward 1 time.

- **Addition** – joining two or more groups together to get the total

e.g.

 and makes 7 .

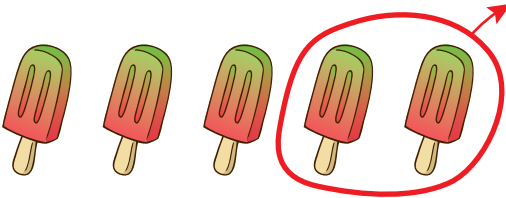| Addition Sentence	Vertical Addition

$3 + 4 =$ 7
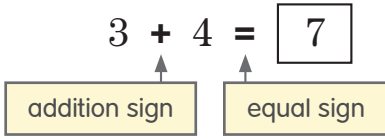
addition sign   equal sign

$$\begin{array}{r} 3 \\ + \ 4 \\ \hline 7 \end{array}$$

Addition key words – in all, total
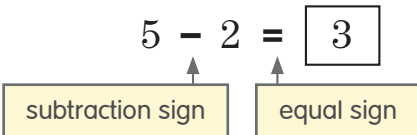
- **Subtraction** – taking one quantity away from a number

e.g.

5 take away 2 leaves 3 .

Subtraction Sentence	Vertical Subtraction

$5 - 2 =$ 3

subtraction sign   equal sign

$$\begin{array}{r} 5 \\ - \ 2 \\ \hline 3 \end{array}$$

Subtraction key words – fewer, more…than, left

Popular Canada

- **Money** – **$** (dollar sign); **¢** (cent sign)

nickel; 5¢

loonie; $1

dime; 10¢

toonie; $2

quarter; 25¢

Measurement

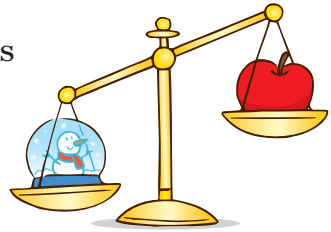- **Capacity** – the amount a container can hold

  e.g.

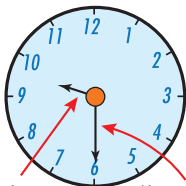 The jug can hold more juice than the glass.

- **Mass** – how much something weighs

  e.g. The snow globe is heavier than the apple.

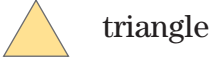- **Time** – telling time to the hour and half-hour

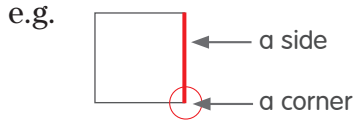 e.g.

  the hour hand

  the minute hand

  It is half past 9. The minute hand points to 6 and the hour hand points to the middle of 9 and 10.
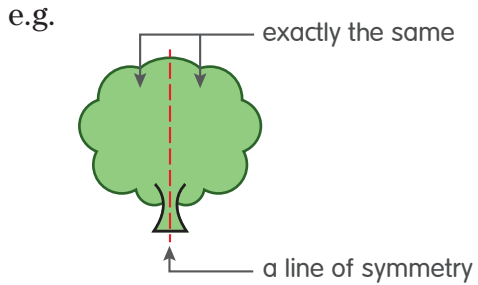
Geometry

• 2-D Shapes

circle

triangle

square

rectangle

pentagon

hexagon

• Sides and Corners

e.g.

a side

a corner

A square has 4 sides and 4 corners.

• Symmetrical Shapes

shapes that can be divided by a line into two matching parts

e.g.

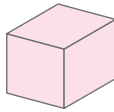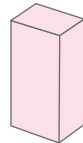exactly the same

a line of symmetry

• 3-D Solids
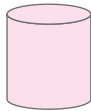
sphere   cylinder   cube   cone   prism

can roll:
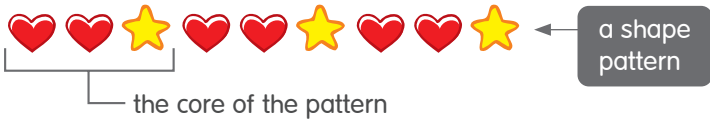
can slide:

Popular Canada
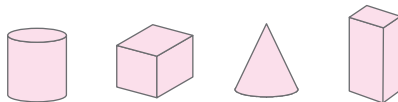
Patterns

- **Repeating Pattern** – a pattern with a core that repeats

  e.g.
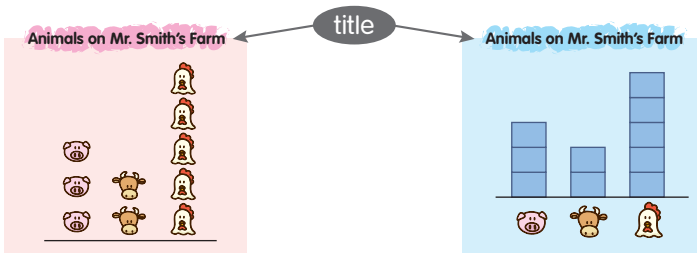

  the core of the pattern

  a shape pattern

- **Hundreds Chart**

  a chart with 10 rows and 10 columns making 100 boxes, each containing a number from 1 to 100 arranged in order

Graphs

- **Tally Marks** (卌) – a quick way of keeping track of numbers in groups of five

- **Pictograph**
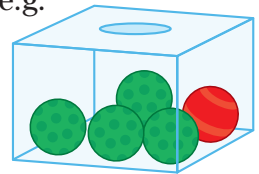 (uses pictures)

- **Concrete Graph**
  (uses blocks)

Animals on Mr. Smith's Farm

title

Animals on Mr. Smith's Farm

Probability

- **Probability**
  the chance that an outcome will occur

  Use simple words to describe chances:

  impossible   unlikely   likely   certain

e.g.

It is **likely** to pick a green ball.