FPC-10

4.1 – Representing Relations

The RELATION between FRUITS and COLOURS is given in the **TABLE**:

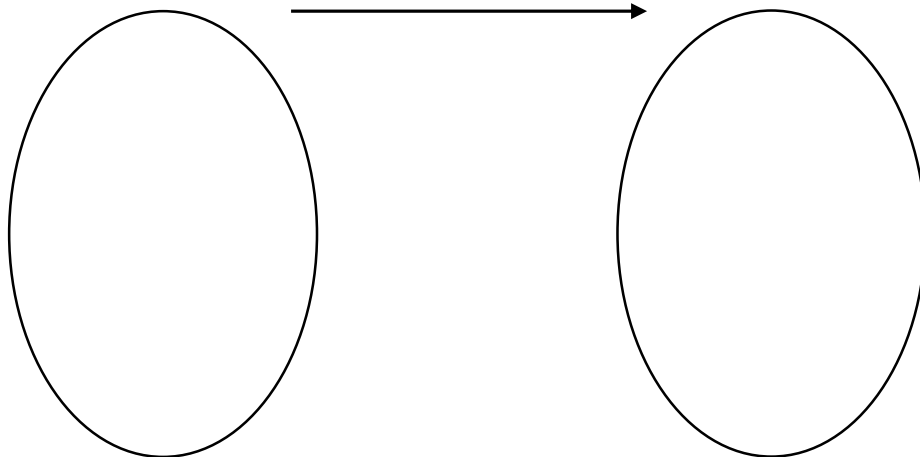Definition of **RELATION**:

Fruit	Colour
apple	red
apple	green
blueberry	blue
cherry	red
huckleberry	blue

Describe the relation in **WORDS**:

Represent the relation as a set of **ORDERED PAIRS**:

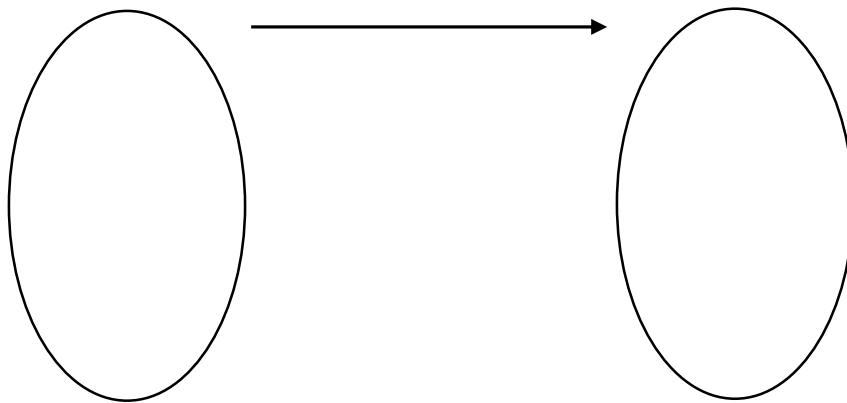Represent the relation as an **ARROW DIAGRAM**:

Animals can be associated with the classes they are in.

Describe this relation in word.

Animal	Class
ant	Insecta
eagle	Aves
snake	Reptilia
turtle	Reptilia
whale	Mammalia

Represent this relation as a set of Ordered Pairs:

Represent this relation as a Arrow Diagram:

Consider the Relation shown as a Bar Graph:

Show this relation as a Table and Arrow Diagram.

Max Speed of Animals

Speed (km/h)

Bison Cougar Coyote Bear Deer

Animals
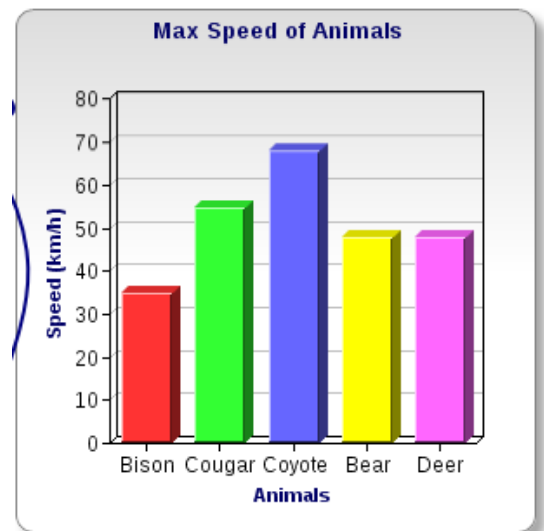
When can a Relation be represented as a Bar Graph?

Consider the Relation represented by the Bar Graph:

Represent the Relation as a Table and Arrow Diagram.

Canada's Medal Count at Summer Olympics

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