

Mathematics

Grade 6

Unit 10 – Selection

Most of the things that found in our surrounding can be separated in to groups, which have common characteristics that have been identified.

As an example, consider the following list of animals.

Parrot	dog	cow
Tiger	crow	deer
Peacock	pig	lion

Above list of animals can be separated in to groups by considering “how they move” or “what they eat”.

If you group them considering “how they move”, it will be as follows.

Animals can walk	
Dog	deer
Cow	pig
Tiger	lion

Animals can fly
Parrot
Peacock
Crow

If you group them considering “what they eat”, it will be as follows.

Herbivores animals
Cow
Deer
Parrot

Carnivores animals
Tiger
Lion

Omnivores animals
Dog
Pig
Peacock
Crow

Exercises

1. Separate the following food items in to two groups based on the common characteristics and write down their names. Write a suitable name for each group.

Pizza	tea	bread milk	banana	cake
Faluda	biscuits	coffeerice	chocolate	
Fruit juice	buttermilkshake			

2. Separate the following food countries in to two groups based on the common characteristics and write down their names. Write a suitable name for each group.

France	United Kingdom	China	India	Spain
Iran	Italy	Japan	Sri Lanka	Poland
Sweden	Germany	Thailand		

3. The following items are already separated into groups. Identify the common characteristic and write suitable names for each group.

.....
Mahaweli
Kelani
Kalu
Menik

.....
Samanala
Piduruthalagala
Ritigala
nuckles

4. Write suitable names for each group by identifying a characteristic common for each group.

Badminton
Table tennis
Carom
Chess

Cricket
Elle
Tennis

END

