P.2 Mathematics

LESSON ONE WEEK FOUR

SET CONCEPTS:

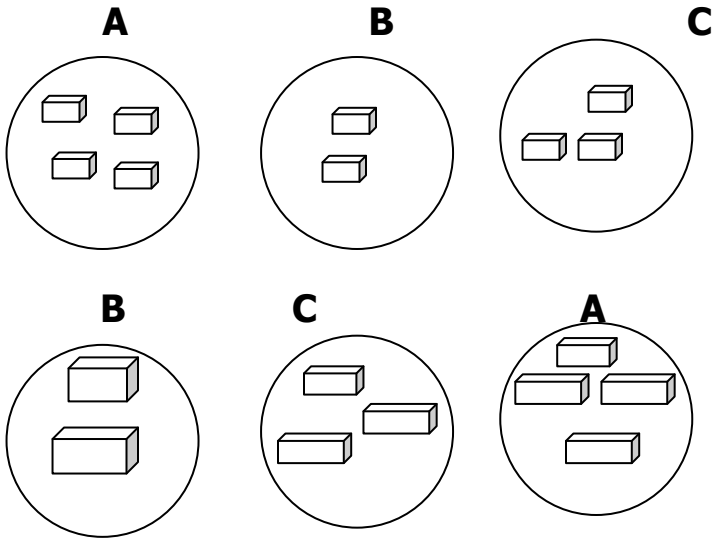
Revision of p.1 work.

1. Naming sets
2. Drawing sets
3. Forming new sets
4. Matching sets
5. Empty sets

LESSON TWO

Ordering sets

Arranging sets in ascending order



Set B comes first

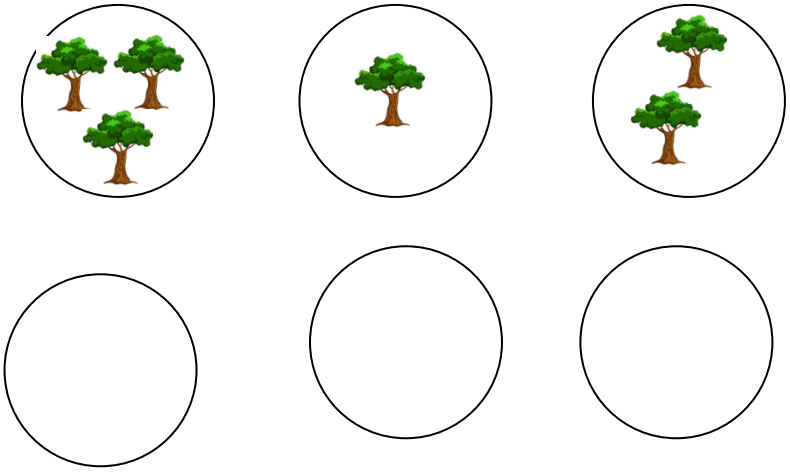
Set C comes second

Set A comes third

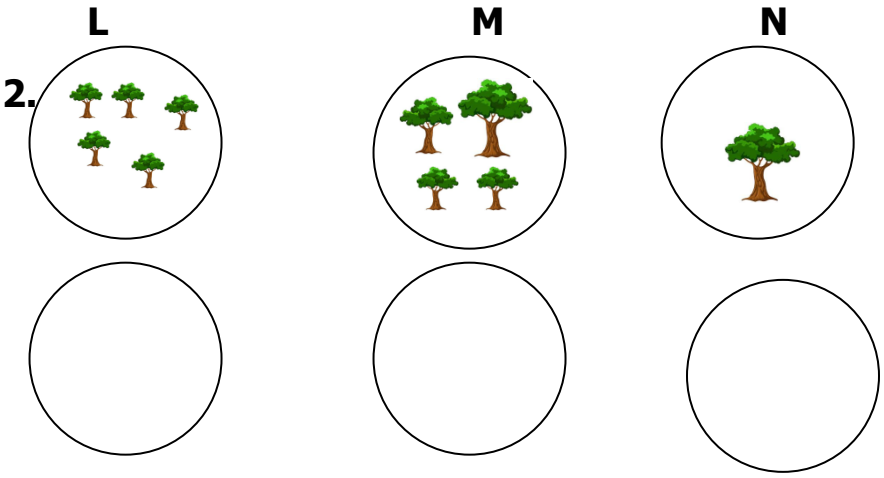
ACTIVITY

Arrange these sets in ascending order.

1. **X** **Y** **Z**



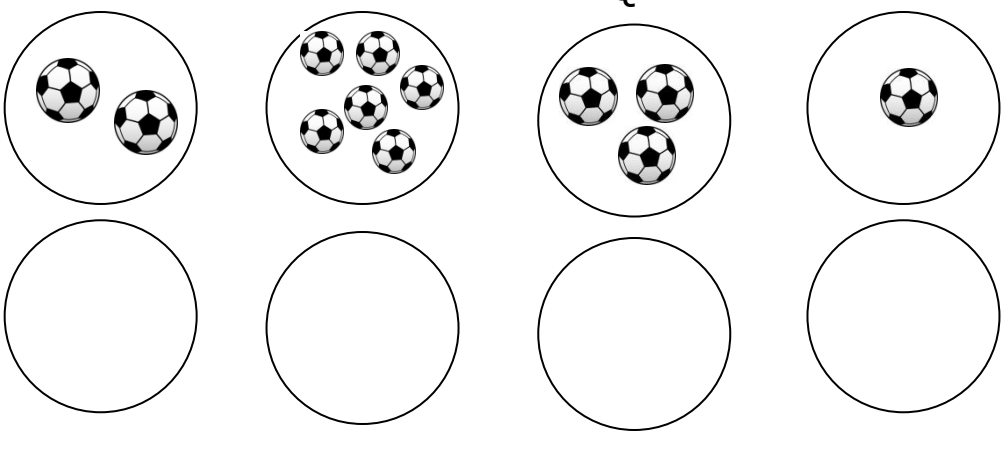
2. **L** **M** **N**



LESSON THREE

Arranging sets in descending order.

L P Q R



Set P comes first

Set Q comes second

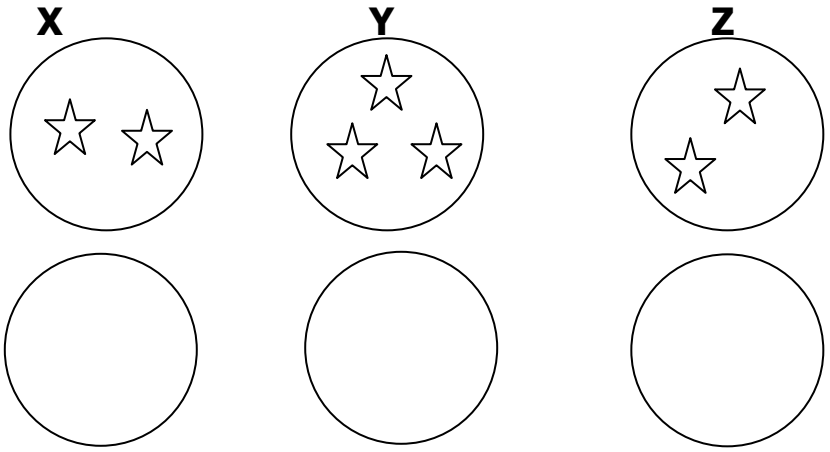
Set L comes third

Set R comes fourth

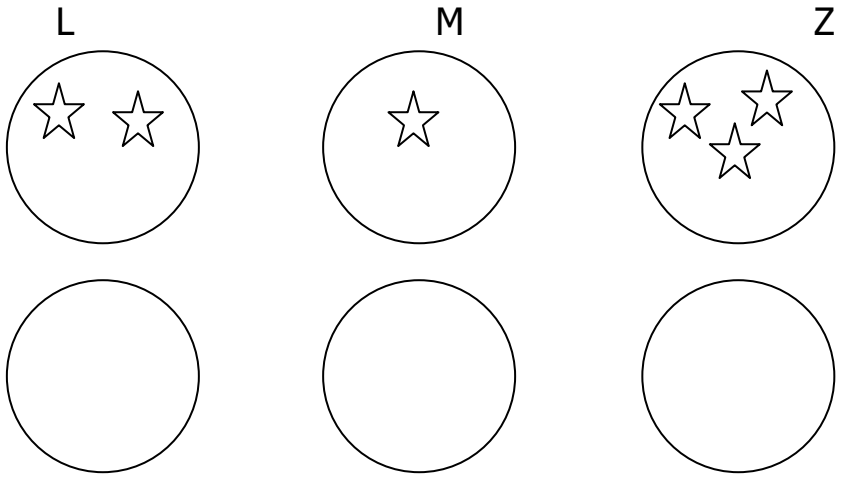
ACTIVITY

Arrange these sets in descending order.

1.



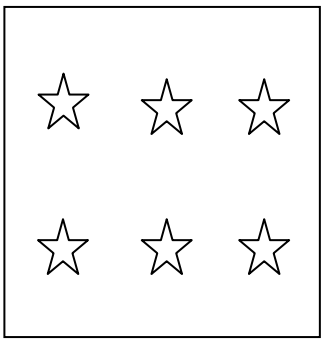
2.



Ref: MK Bk 2 PG 13, Understanding Mathematics bk 2 pg 7

LESSON FOUR

Ringing sets



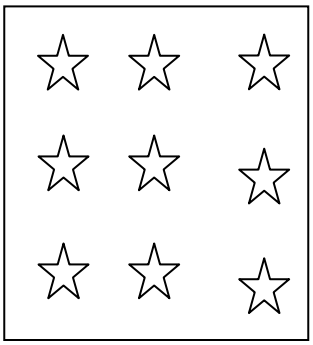
Ring sets of twos

a) How many sets have you formed?

b) How many stars are there altogether?

c) How many stars are there altogether?

ACTIVITY

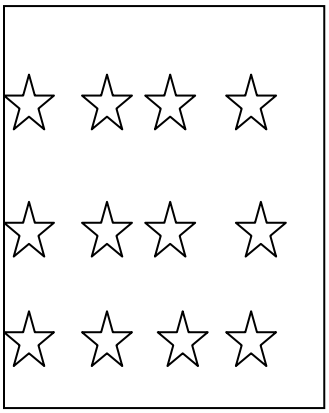


1. **Ring sets of threes**

a) How many sets have you formed?

b) How many stars remained?

c) How many stars are there altogether?

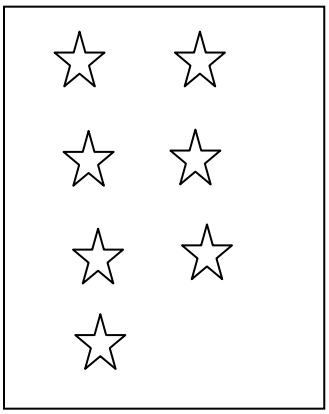


<u>Ring sets of fives</u>.

a) How many sets have you formed?

b) How many stars remained?

c) How many stars are there altogether?



3. Ring sets of threes.

a) How many sets have you formed?

b) How many stars remained?

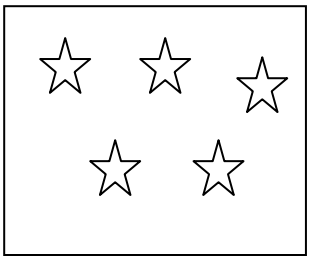
c) How many stars are there altogether?

4. Ring sets of fours.

a) How many sets have you formed?

b) How many stars remained?

c) How many stars are there altogether?



5. Ring sets of twos.

a) How many sets have you formed?

b) How many stars are there altogether?

c) How many stars are there altogether?

LESSON FIVE

INTERSECTION SETS (∩)

Intersection sets are made of the common members.

Example

Find the common members in these sets

A={ 1, 2, 3, 4, 5}

B={ 8, 9, 3, 5}

The common members are or the intersection set is {3, 5}

Therefore set A intersection sets B is {3, 5}、

Or. A∩B = {3, 5}

ACTIVITY

Find the common members in the following sets.

a) Set A = {a, b, c, e} Set B= {r, t, a, b}
b) Set M = {b, e, a, n} Set N= {b, r, e, a, k}
c) Set P = {2, 3, 5, 7, 9} Set Q= {0, 2, 4, 6}
d) Set Y = {p, e, a, k} Set Z= {p, o, t}
e) Set F = {0, 2, 4, 6} Set G= {4, 8, 5, 6}