

P.1 Mathematics

PRIMARY ONE MATHEMATICS

LESSON ONE WEEK FIVE

An empty set / Null set

Meaning: An empty set is a set without members.

Example: A set of zebras studying in St. Agn 

A set of boys with 4 heads each 

The concept of an empty set

An empty set is a set without members/elements.

The symbol of an empty set is \emptyset or $\{ \}$

Exercise

1. Draw these empty sets.
2. A set of trees singing
3. A set of cups dancing
4. A set of boxes sleeping
5. A set of plates cooking

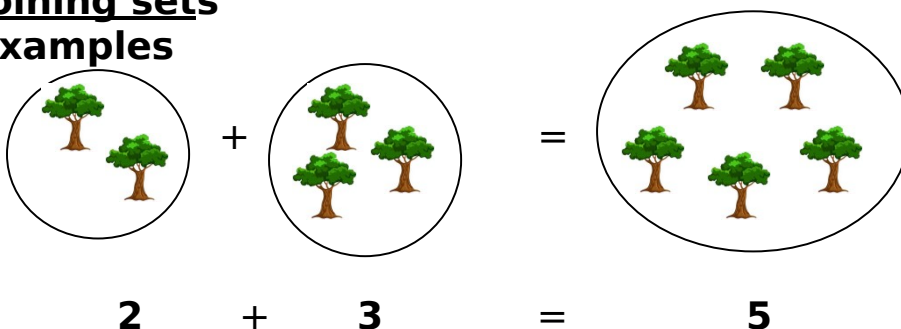
Write true or false

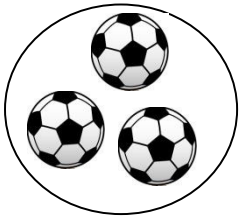
1. A set of spoons jumping. _____
2. A set of girls playing netball. _____
3. A set of chairs smiling. _____
4. A set of girls reading story books. _____

Lesson two

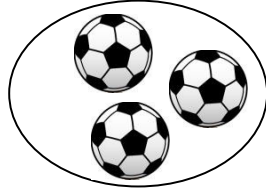
Joining sets

Examples

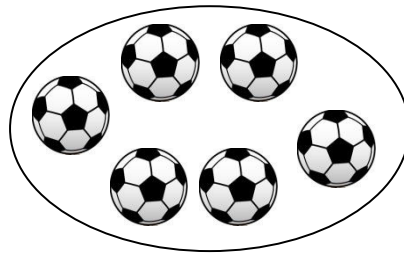




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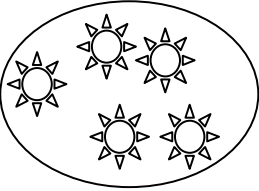
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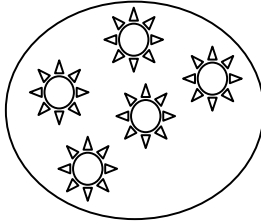
Exercise

Join these sets

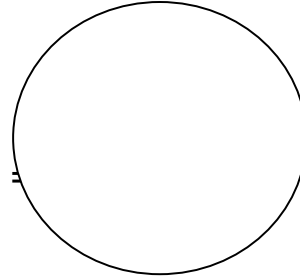
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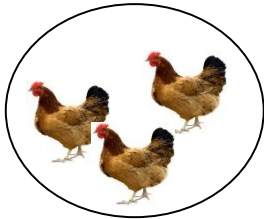
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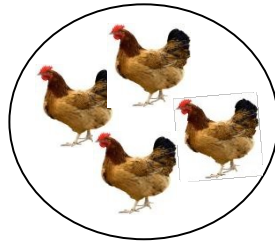
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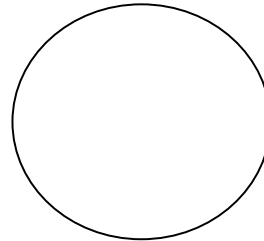
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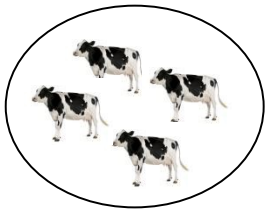
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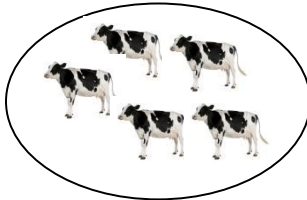
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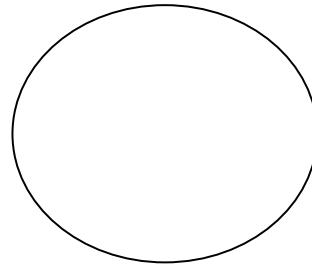
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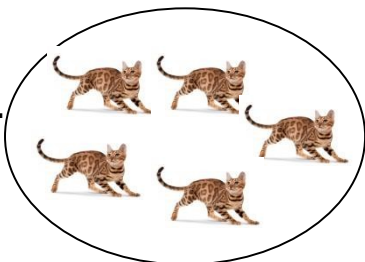
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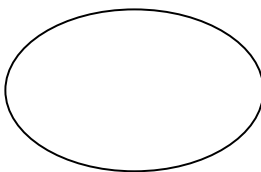
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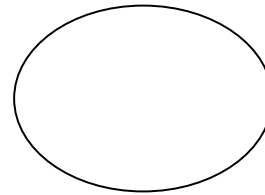
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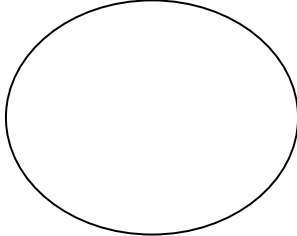


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Lesson three

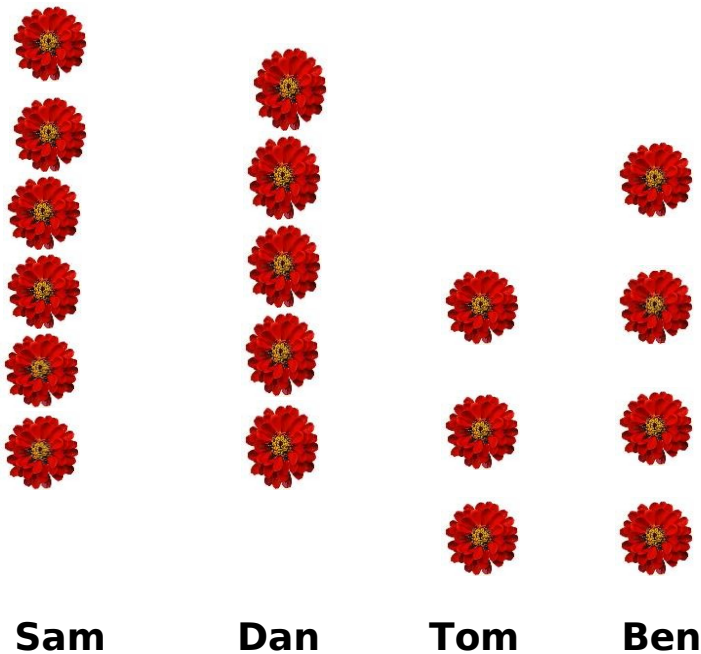
Graphs (data interpretation)

Pictograph

Teaching activity

- Studying the graph
- Interpreting the graph
- Answering questions

4 children picked flowers as shown below



Questions

1. Who picked 5 flowers? Dan
2. How many flowers did Sam pick?
3. How many flowers did Tom and Ben pick altogether?
4. Who picked the highest / most number of flowers?

Lesson four

Days of the week

Example

There are seven / 7 days in a week.

These are:

Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

The first day of the week is **Sunday**

The last day of the week is **Saturday**.

Which day of the week comes before Tuesday?

Monday comes before Tuesday.

Exercise

a) Fill in the missing letters

Su__day M__nday Wed__esday

Fr__day S__turday

a) Write correctly

- daysTue

- Firdya

- Maydno

- Wedaynesd

Read and answer the questions

1. What day comes after Wednesday?
2. Which day comes before Thursday?
3. On which day do Christians go for general prayers?
4. On which day do Moslems go for general prayers?

Lesson five

Months of the year

Example

- | | |
|-------------|--------------|
| 1. January | 7. July |
| 2. February | 8. August |
| 3. March | 9. September |
| 4. April | 10. October |
| 5. May | 11. November |
| 6. June | 12. December |

1. How many months are in a year?
There are 12 months in a year.
2. Which month comes after March?
April comes after March
3. Which is the first month of the year?
The first month of the year is January.

Exercise

Fill in the missing letters

- | | |
|--------------|--------------|
| a) F__bruary | d) J__n__ |
| b) D__cember | e) A__gust |
| c) M__y | f) N__vember |

Write correctly

- | | | |
|------------|--------------|-------|
| - JJuly | - prApril | - Mya |
| - Fruarbey | - Setpemberb | |

Answer the questions

1. Which is the third month of the year?
2. What month comes before June?
3. Which month is between July and September?
4. In which month do Christians celebrate Easter?