(a) Write down the members of sets \( A, B \) and \( S \)
(b) What do the sets \( A, B \) and \( S \) represent?

Represent the following sets on a Venn diagram:
\[ A = \{2, 4, 6, 8, 10\} \]
\[ B = \{2, 3, 5, 7, 11\} \]

Which set is missing? Show it on your diagram

Use a Venn diagram to show the information below
\[ A = \{\text{Multiples of 5}\} \]
\[ B = \{\text{Even numbers}\} \]
\[ \xi = \{\text{Integers from 1-20}\} \]

Write down the members (elements) of each set in using set notation.

Draw a Venn Diagram to show the following information. Multiples of 3, even numbers and the integers from 20-30.

The Venn Diagram shows information about people in class 11y. People in set \( A \) play football. People in Set \( B \) play Tennis. (a) How many people play football? (b) How many people play tennis? (c) How many play neither?

There are 40 people in a local club. 10 have both \( \text{Laptops and IPod’s} \), 15 have \( \text{IPod’s} \) and 21 have \( \text{Laptops} \). How many have neither?

**Extension** - Write down what each symbol represents:
\[ \emptyset = \{\} \]
\[ \xi = \{\} \]
\[ A’ = \emptyset \cap = \emptyset = \cup = \]