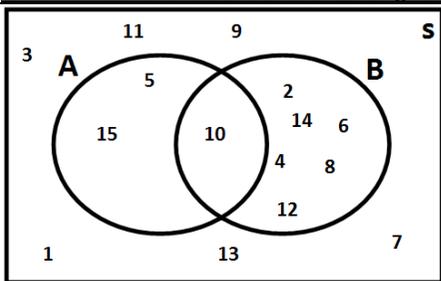


LO- To be able to read and draw Venn Diagrams



- (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

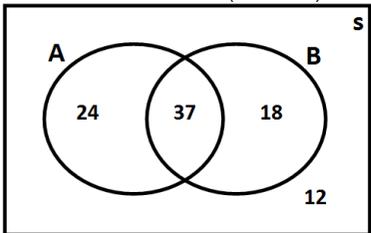
Use a Venn diagram to show the information below

$$A = \{\text{Multiples of 5}\}$$

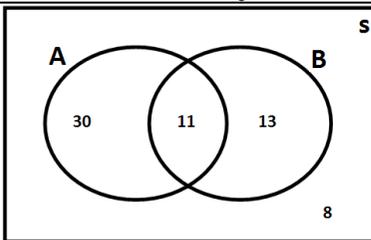
$$B = \{\text{Even numbers}\}$$

$$\xi = \{\text{Intgers from 1-20}\}$$

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 Laptops **and** IPod's, 15 have IPod's and 21 have Laptops. How many have neither?

Extension - Write down what each symbol represents:

$$\emptyset = \{\}$$

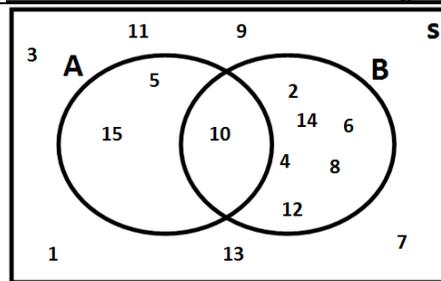
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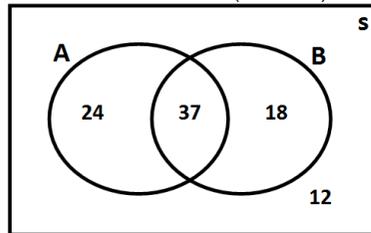
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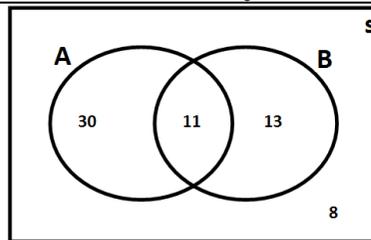
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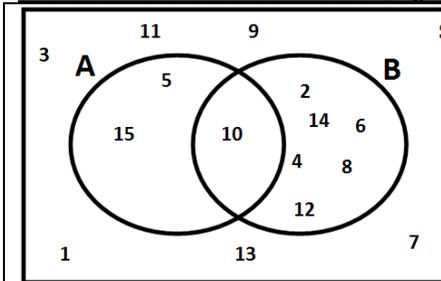
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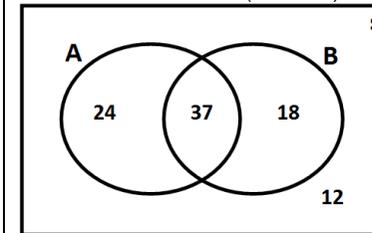
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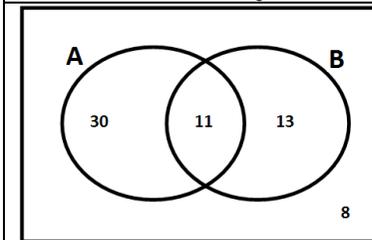
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