

Venn Diagram (Day 1)

Why think that what will happen in life, if nothing happens then it should be an experience.

क्यों सोचे कि जिंदगी में क्या होगा कुछ ना होगा तो तजुर्बा हो।

Venn Diagram (Day 1)

There are three types of Venn - diagram in this chapter.

1. Logical Venn Diagram
2. Data Venn Diagram
3. Mathematics Venn Diagram

Venn Diagram (Day 1)

1. Logical Venn Diagram

- There are mainly three types of relation among the different elements.

1. All →



2. Some →



3. No →



Venn Diagram (Day 1)

Mainly 10 Diagram is possible-----

1.  \Rightarrow Lion, Bird, man

2.  \Rightarrow Female, Kid, Tiger

3.  \Rightarrow Flower, cloth, white

4.  \Rightarrow Player, Racer, student

5.  \Rightarrow District, State, Country

Venn Diagram (Day 1)



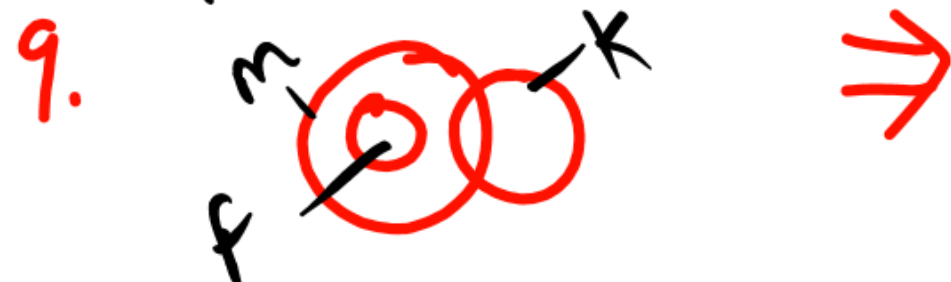
Human, men, women



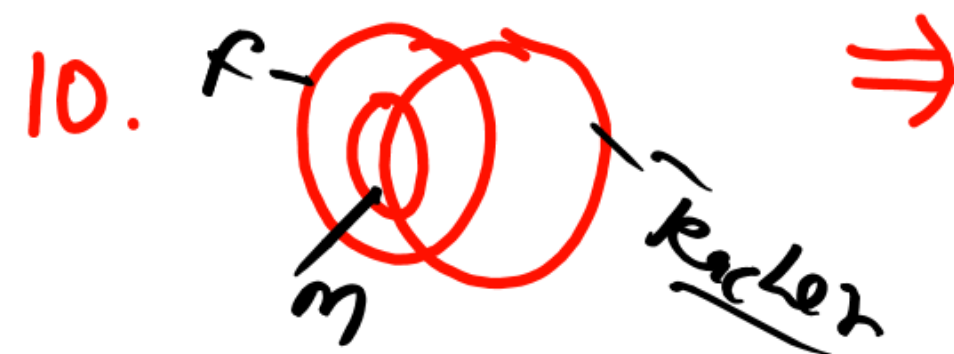
male, father, uncle



Father, male, Fish



Father, male, kids



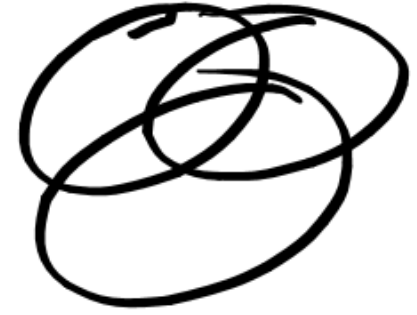
mother, female, Teacher

Venn Diagram (Day 1)

Q. Punjab , Chandigarh , Haryana



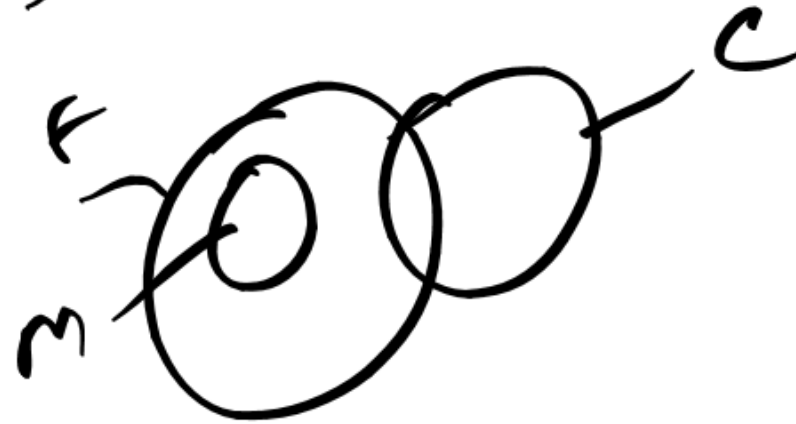
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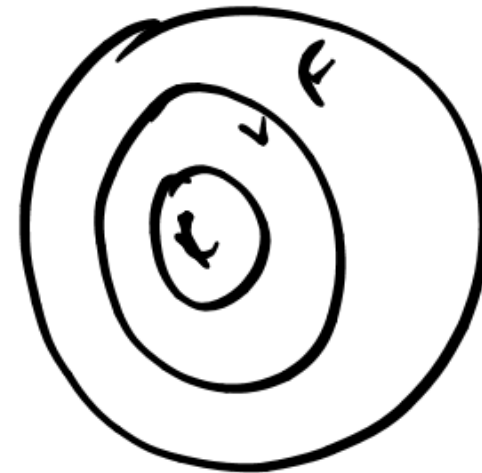
Q. Planet , Earth , Marsh



Q. Female , Mother , Children



Q. Food , Carrot , Vegetables



Q. Female , Doctor , Patient

Venn Diagram (Day 1)

Q. Milk , Liquid , Pizza



Q. Lizard , Reptiles , Lion



Q. Gold , Silver , Metal



Q. Boys , Student , Racer

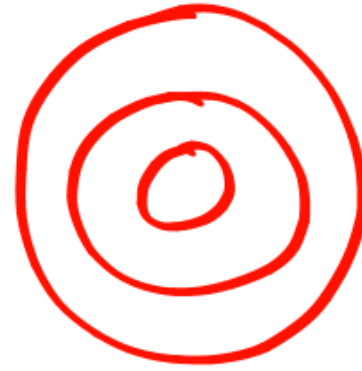


Q. Flower , Cloth , white



Venn Diagram (Day 1)

Q. Team , Player , Captain



Q. Father , Uncle , Male



Q. Singer , Male , Female



Q. Person , Teacher , Graduate

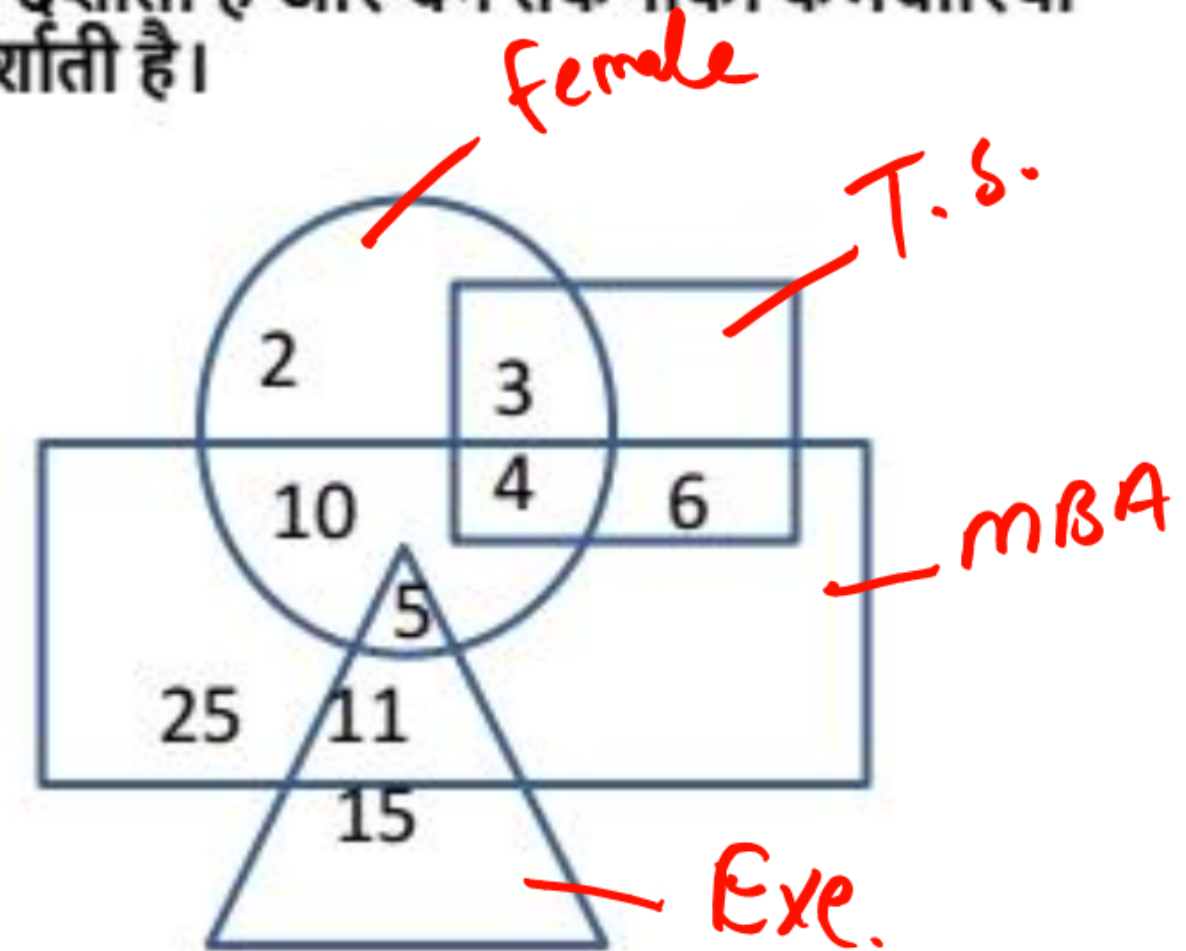


Venn Diagram (Day 1)

2. Data Venn Diagram

Q. The triangle represent executive , the circle represent females , the rectangle represent MBA and the square represent technical staff. The number given in the diagram represent the number of person in that particle category.

प्र. त्रिभुज कार्यकारी को दर्शाता है, वृत्त महिलाओं को दर्शाता है, आयत एमबीए को दर्शाता है और वर्ग तकनीकी कर्मचारियों को दर्शाता है। आरेख में दी गई संख्या उस कण श्रेणी में व्यक्तियों की संख्या को दर्शाती है।



Venn Diagram (Day 1)

Q.1 How many Female Executives are there in the Organisation

Q.1 संगठन में कितनी महिला कार्यकारी हैं?

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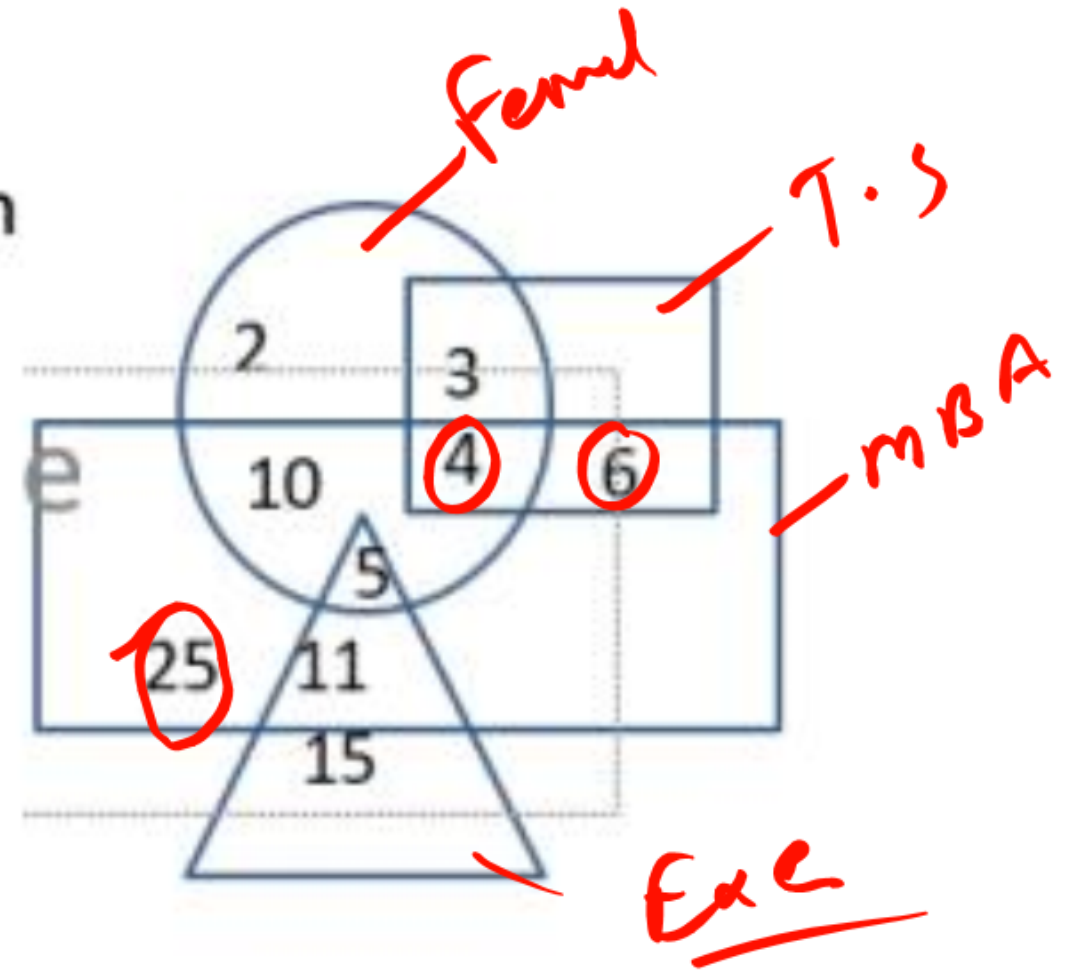
2. Technical staff who have done MBA ?

2. तकनीकी कर्मचारी जिन्होंने एमबीए किया है?

$4 + 6 \Rightarrow 10$

3. Only MBA'S

$\Rightarrow 25$



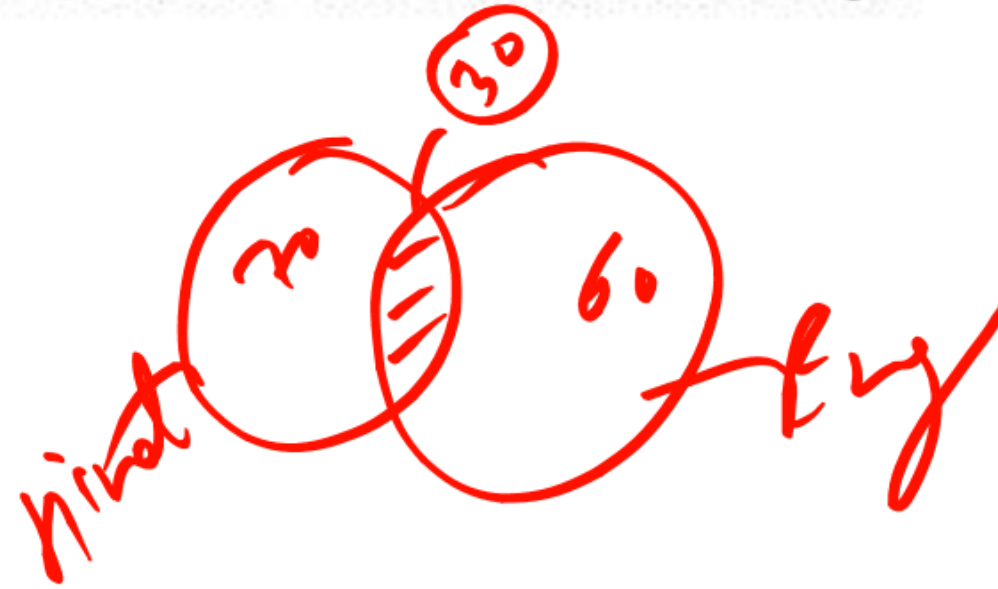
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3. Mathematics Venn Diagram

Q. In exam , 70% students passed in Hindi and 60% students passed in English while 30 % student passed in both Hindi and English. Then find what are the percentage of students who passed only in Hindi ?
प्रश्न: परीक्षा में, 70% छात्र हिंदी में और 60% छात्र अंग्रेजी में उत्तीर्ण हुए, जबकि 30% छात्र हिंदी और अंग्रेजी दोनों में उत्तीर्ण हुए। तो ज्ञात कीजिये कि केवल हिंदी में उत्तीर्ण होने वाले छात्रों का प्रतिशत कितना है?

$$100 - 30\% \Rightarrow 70\%$$



$$\text{only Hindi} \Rightarrow 70 - 30 \Rightarrow \underline{40\%}$$

$$\text{only Eng} \Rightarrow 60 - 30 \Rightarrow \underline{30\%}$$

Venn Diagram (Day 1)

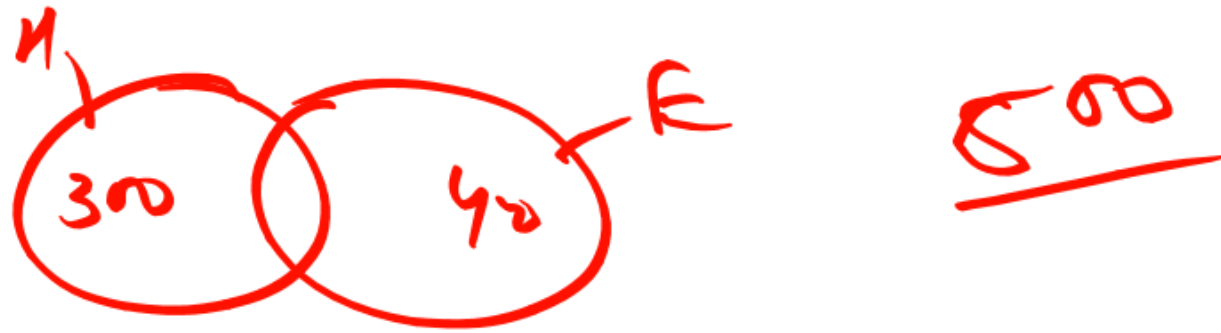
Q. 300 students speak Hindi and 400 students speak English but total students are 500 there are some students who speak both Hindi and English then answer the following questions :-

Q. 300 छात्र हिंदी बोलते हैं और 400 छात्र अंग्रेजी बोलते हैं लेकिन कुल छात्र 500 हैं, कुछ छात्र ऐसे हैं जो हिंदी और अंग्रेजी दोनों बोलते हैं तो निम्नलिखित प्रश्नों का उत्तर दें:-

1. Only Hindi $\Rightarrow 100$

2. Only English $\Rightarrow 200$

2. Both $\Rightarrow 200$



$$700 - 500 \Rightarrow 200 \text{ (Both)}$$

$$300 - 200 \Rightarrow 100 \text{ (only Hindi)}$$

$$400 - 200 \Rightarrow 200 \text{ (only Eng.)}$$

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The End

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Venn Diagram (Day 1)

Venn Diagram (Day 1)

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