

Venn diagram

Homework

Answer the following past Bjc paper

14

ROUGH WORK

18.  $\zeta = \{ \text{ whole numbers from 1-10} \}$

$M = \{ \text{ multiples of 3} \}$

$F = \{ \text{ factors of 12} \}$

List the members of

(a) (i)  $M,$

Answer:  $\{ \text{_____} \}$  [1]

(ii)  $F,$

Answer:  $\{ \text{_____} \}$  [1]

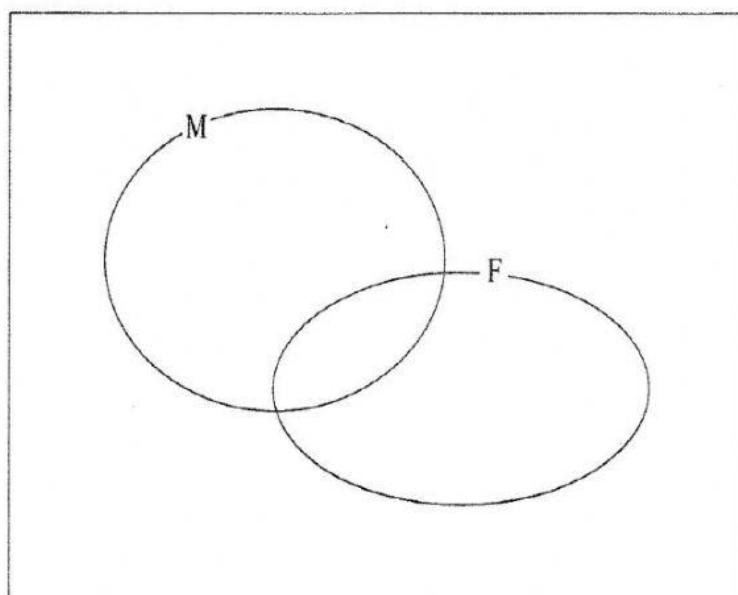
(iii)  $M \cup F,$

Answer:  $\{ \text{_____} \}$  [2]

(iv)  $M \cap F.$

Answer:  $\{ \text{_____} \}$  [2]

(b) Complete the Venn diagram using the information above.



[4]