

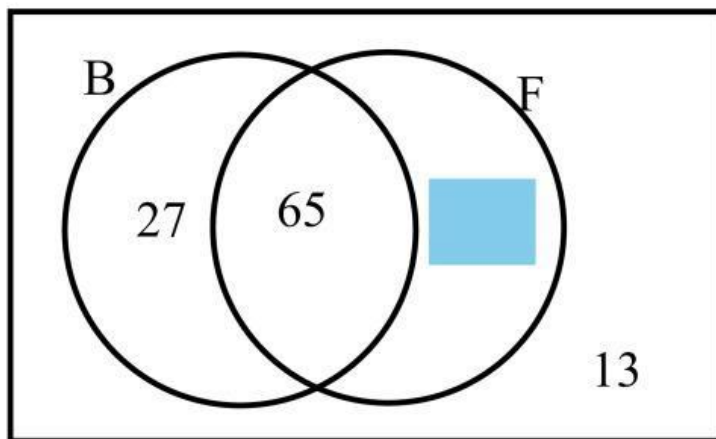
Mathematics

BGCSE Practice

Assigned Date: 16/05/2024

Topic: Sets & Venn Diagrams

A survey was conducted amongst 200 students from MCPA. Students were asked if there were sports fans of Basketball (B) or Football (F). Naturally some chose both. The following Venn Diagram summarizes the findings of this survey. Complete the Venn Diagram and use to assist in the answering the remaining questions.



$$\mathcal{E} = \text{[blue square]}$$

How many students were fans of

(a) Basketball

(b) Basketball Only

(c) Basketball and Football

(d) Football

(e) Football Only

(f) Basketball or Football

(g) Neither Sport