

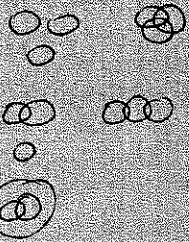
Section/Lesson Title: VENN DIAGRAMS

Materials: Text (Black Book)

HW# 1.7 p. 86 # 33-46, 71-78, 93-98, 109-112

Reflections:

CAN BE LOTS OF THINGS:



SO LOD OPERATIVE ELEMENTS

I VENN'S w/ 3 SETS

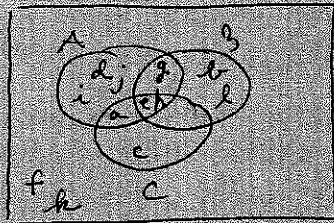
CONSTRUCT A VENN FROM THE FOLLOWING:

$$A = \{a, d, e, g, h, i, j\}$$

$$B = \{b, e, g, h, l\}$$

$$C = \{a, c, e, h\}$$

$$U = \{a - l\}$$



SHADE

A C ABC AB AC

II SET NOTATION

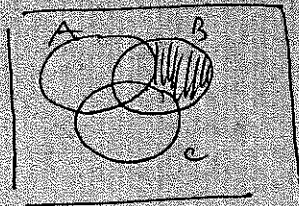
$$A \cap C = \{a, e, h\}$$

$$A \cup C = \{d, i, j, a, e, h, c\}$$

$$A \cap B \cap C = \{e, h\}$$

$$\underline{\hspace{2cm}} = \{a\} \quad \text{USE SET NOTATION } ((A \cap C) \cap B')$$

III WRITE SET NOTATION FOR THE SHADDED REGION



$$B \cap A'$$

OR

$$(A \cup C)' \cap B$$

MORE THAN 1 POSSIBLE ANSWER