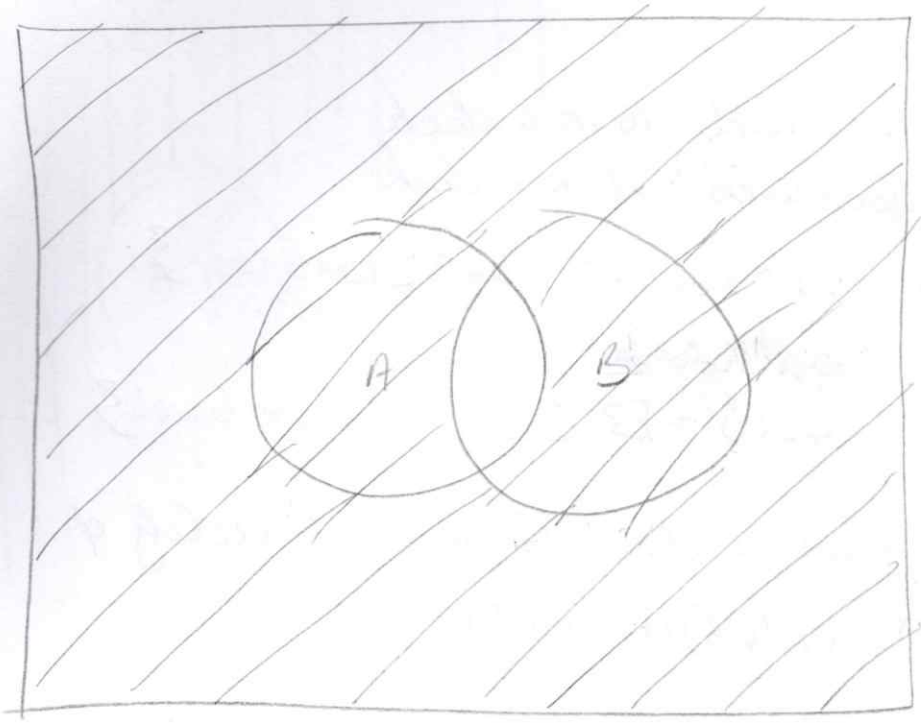
...w 7 - Sets and probability - Module 25 - Sets and ...ndom Experiments - Further Exercises



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

13) From the random experiment, selecting an employee from among the three departments of sales, management and finance find the union, intersection and complement in words from the events:

$E1 = \{\text{male}\}$ and $E2 = \{\text{Management}\}$

Union
$\rightarrow E1 \cup E2$ = Male or Management ✓

Intersection
$\rightarrow E1 \cap E2$ = Male and Management ✓

Complement
$\rightarrow E1'$ = Female ✓
$E2'$ = Sales or Finance ✓ = Not in Management