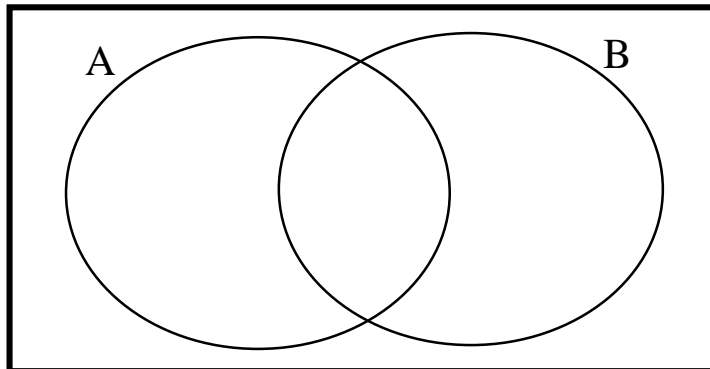


3. The Venn diagram contains only the letters show below.

$$A = \{s, a, t, u, r, n\}$$

$$B = \{j, u, p, i, t, e, r\}$$



List the values of:

(i) $A \cap B'$

(ii) $A' \cap B$

(4 marks)

2. There are 3 red counters and 4 black counters in a bag.

One counter is taken out, not replaced.

A second counter is then taken.

(a) Draw a tree diagram to display this information.

(2 marks)

(b) Work out the probability that they are both the same colour.

.....

(2 marks)

Score =