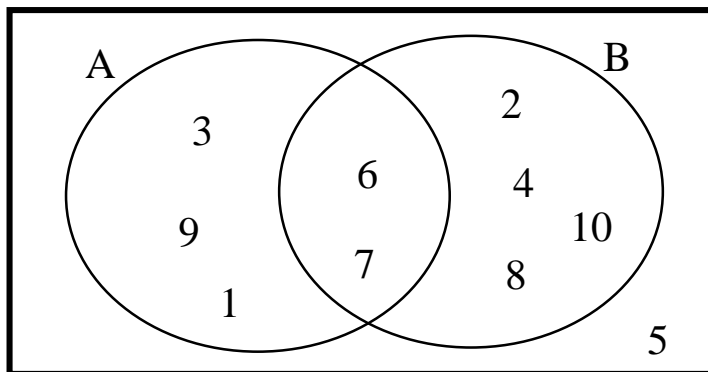


3. Below is Venn diagram showing some data.



Write down the probability of selecting:

(i) B

$\frac{1}{2}$
.....

(ii) $A \cap B$

$\frac{1}{5}$
.....

(iii) A'

$\frac{7}{10}$
.....

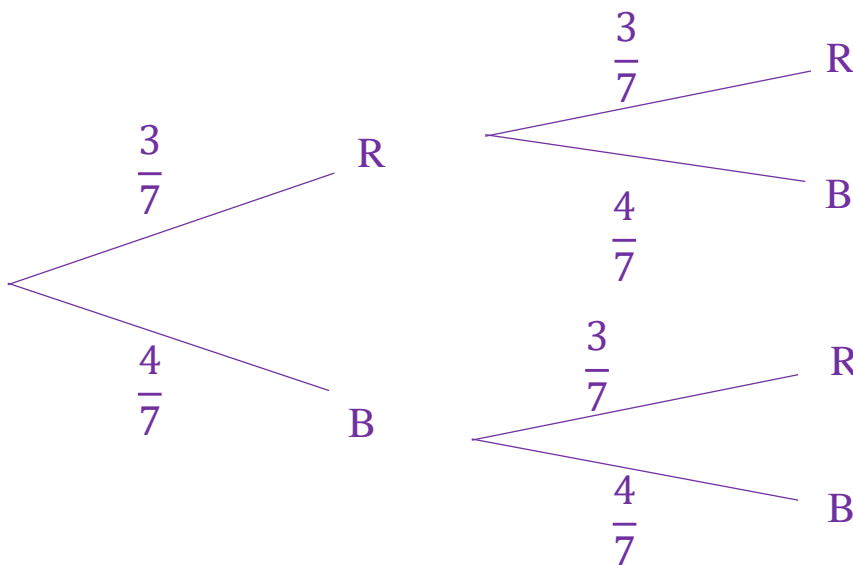
(3 marks)

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

One counter is taken out, recorded then placed back in the bag.

A second counter is then taken.

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



(2 marks)

(b) Work out the probability that the colours are the same.

$\frac{25}{49}$
.....

(2 marks)

Score =