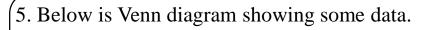
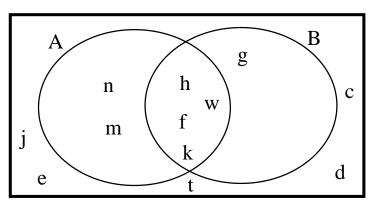
## **EXAMPLE TEACHER HUB** Foundation Homework 38 : Probability

(1. There are 16 counters in a bag. 5 red, 4 yellow and the rest are green.	
1. There are to counters in a bag. 5 red, 4 yenow and the rest are green.	
Write down the probability of selecting:	
(i) Green	
(ii) Not red	• • • • • • • • • •
(iii) Green or yellow	• • • • • • • • • •
(3 1	marks)
2. On the probability scale below, mark with an X	
The probability of rolling a number less than 3 on a dice.	
1	l mark)
(1	
3. The table below shows the probabilities of choosing a counter from a b	hag
r	oug.
Red Blue Green Orange	eug.
	ug.
RedBlueGreenOrange $0.4$ xxxThe probability of blue, green and orange is the same $r =$	
RedBlueGreenOrange $0.4$ xxxThe probability of blue, green and orange is the same Work out the value of x. $x = \dots$	
RedBlueGreenOrange $0.4$ xxxThe probability of blue, green and orange is the same Work out the value of x. $x = \dots$	
RedBlueGreenOrange $0.4$ xxxThe probability of blue, green and orange is the same Work out the value of x. $x = \dots$ (14. There are 75 members of a group.	
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RedBlueGreenOrange $0.4$ xxxThe probability of blue, green and orange is the same Work out the value of x. $x = \dots$ (14. There are 75 members of a group. 34 of the members were boys34 of the members were boys	
RedBlueGreenOrange $0.4$ xxxThe probability of blue, green and orange is the same Work out the value of x. $x = \dots$ 4. There are 75 members of a group. 34 of the members were boys 18 of the girls have a pet $x = 1$	
RedBlueGreenOrange $0.4$ xxxThe probability of blue, green and orange is the same Work out the value of x. $x = \dots$ 4. There are 75 members of a group. 34 of the members were boys 18 of the girls have a pet 17 of the boys don't have a pet.(1)	
RedBlueGreenOrange $0.4$ xxxThe probability of blue, green and orange is the same Work out the value of x. $x = \dots$ 4. There are 75 members of a group. 34 of the members were boys 18 of the girls have a pet 17 of the boys don't have a pet.(1)	

(4 marks)

**© MATHS TEAGHER HUB** Foundation Homework 38 : Probability





Write down the probability of selecting:

- (i) A'......(ii)  $A \cap B$ .....(iii)  $A \cup B$ .....(3 marks)
- 6. Hannah is going to roll 2 fair dice.She will then sum the scores together.(a) Draw a sample space diagram to show this.

(b) Calculate the probability of getting a total between 4 and 7.

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