

1. In a bag of counters, there are 6 pink, 3 red and 2 blue.

Work out the probability of selecting:

- (i)
 (ii)
 (iii) Pink (3 marks)

2. On the probability line, mark with an X the probability of choosing a 4 on a standard six-sided dice.



(1 mark)

3. The table below shows the probabilities of choosing a counter from a bag.

Red	Blue	Orange
0.24	x	0.4

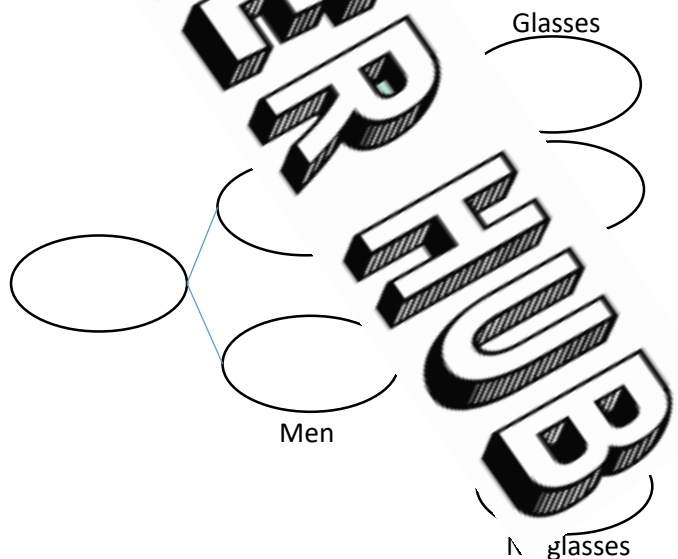
Work out the value of x .

$x = \dots\dots\dots$
 (1 mark)

4. There are 35 workers in an office.

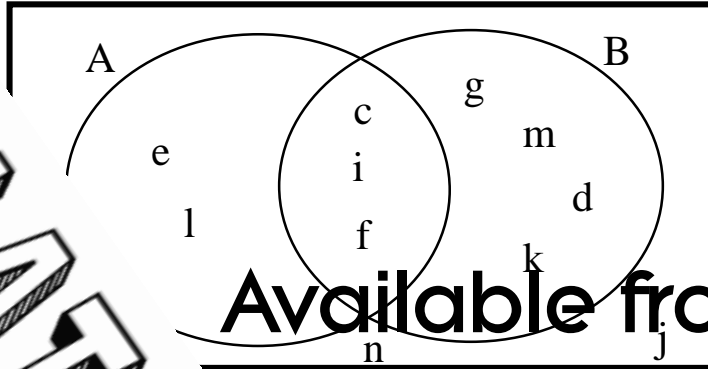
- 19 of the members were women
- Half of the members wear glasses.
- 5 of the women wear glasses.

(a) Complete the frequency tree.



(2 marks)

5. Below is a Venn diagram showing some data.



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Write down the number of elements in each set, selecting:

- (i) A
 - (ii) $A \cap B$
 - (iii) B'
- (3 marks)

6. Gabe is going to roll 1 fair six sided die and flip a fair coin.
He has started to complete the sample space table.

(a) Complete the table

+	1	2	3
H			
T			

(b) Calculate the probability of getting at least a 5 on the die
.....
.....
(3 marks)

Score =