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

   The ratio black to yellow is in a ratio of 3:1

   ...ellow counters.

   ...ters are there all together?

	Black	Green	Yellow
		0.5	

....
(3 marks)

2. Lydia is applying for ... ...d Oxford Universities.

   The probability she will ... ...mbridge is 0.32

   The probability she will be ... ...ord is 0.85

   (a) Draw a tree diagram to ...

   (b) Work out the probability she will be accepted at only 1.

....
(2 marks)

3. 60 stud... s attend a small sixth form college.

28 ... tudy all 3 sciences.
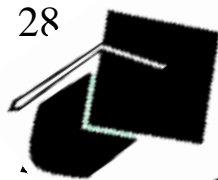
... dy chemistry and physics.

... and physics.

... ...ology and chemistry, but not physics.

3 s...

38 st... ...dy biology.

9 stude... ... science at all.

How man... ...udy chemistry?

....

(4 marks)

2. There are 3 red counters and ... a bag.
   One counter is taken out, not r...
   A second counter is then taken.
   (a) Draw a tree diagram to display

...ks)

   (b) Work out the probability that at least one is a red.

....

...arks)

Score =