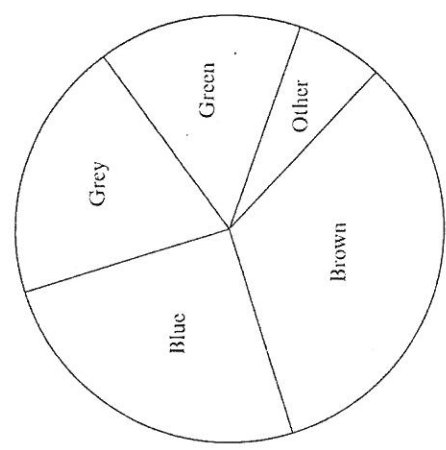


PIE CHARTS - READING THEM

Examiner only

7. The eye colour of each of 96 pupils was recorded.
The data obtained was used to draw the following pie chart.



(a) What fraction of the pupils have blue eyes?

.....

.....

.....

.....

[2]

(b) How many pupils have brown eyes?

.....

.....

.....

.....

[2]

(13-16)



1 0

Examiner only

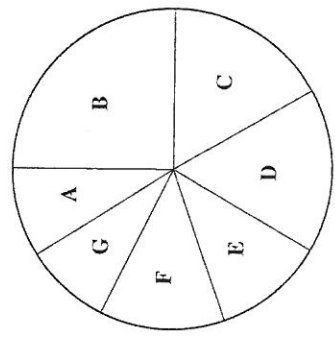
5. (a) Choose the best word from those given below to complete the following sentences.

- impossible** **unlikely** **an even chance** **likely** **certain**

- (i) It is that the sun will rise tomorrow.
 (ii) It is that I get a head when a coin is tossed.
 (iii) It is that I score a total of 1 when two dice are thrown.
 (iv) I buy one ticket in a raffle in which a total of 1000 tickets are sold.
 It is that I will win the top prize.

[4]

(b)



The pie chart shows the distribution of GCSE grades in mathematics obtained by the Year 11 pupils at Abercwm Comprehensive School.

(i) What fraction of the pupils gained grade B?

.....

.....

.....

(ii) There are 240 pupils in Year 11.
How many pupils gained grade C or grade D?

.....

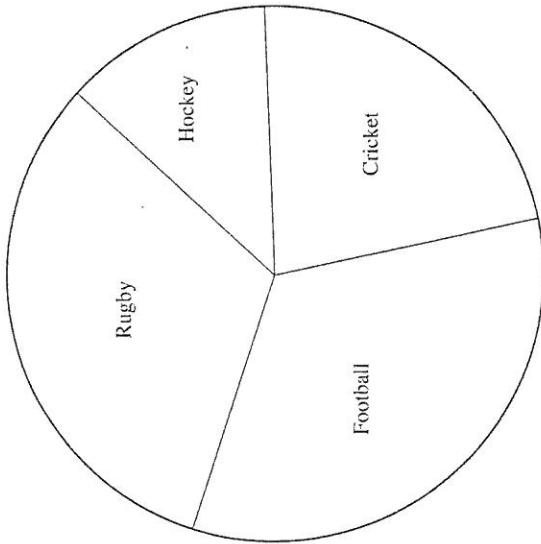
.....

.....

[4]

Turn over.

8. Bryn carries out a survey to find out which of Rugby, Hockey, Cricket or Football each of 144 students preferred. He uses the data obtained to draw the following pie chart.



(a) What fraction of the students answered 'Hockey'?

[2]

(b) How many of the students answered 'Football'?

[2]