

Maths Revision Booklet

for CCEA GCSE 2-tier specification

M1

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Name:

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Contents

A calculator may be used in these exercises.



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Revision Exercise 1

1. (a) Mr and Mrs Collins are going on a cruise. The ship has space for 3076 passengers.
Write the number of passengers to the nearest hundred.

Answer _____

- (b) The ship has one thousand, one hundred and eighty five crew members.
Write this in numbers.

Answer _____

- (c) They are flying from Belfast to Barcelona. The flight leaves Belfast at 0915 and arrives in Barcelona at 1300 local time. If the time in Barcelona is 1 hour ahead of the time in Belfast, how long does the flight take?

Answer _____

- (d) At the first port of call they will have to pay €24 for a shuttle bus ticket to the centre of the resort. If £1.00 buys €1.25, how much does the shuttle bus ticket cost in £s?

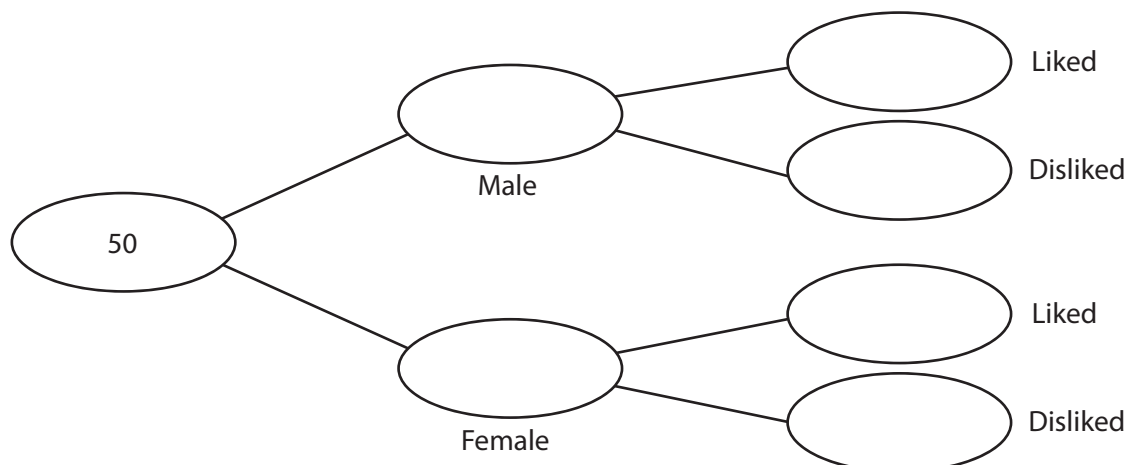
Answer _____

2. Fifty people were asked if they liked the taste of Marmite. The two-way table shows the results.

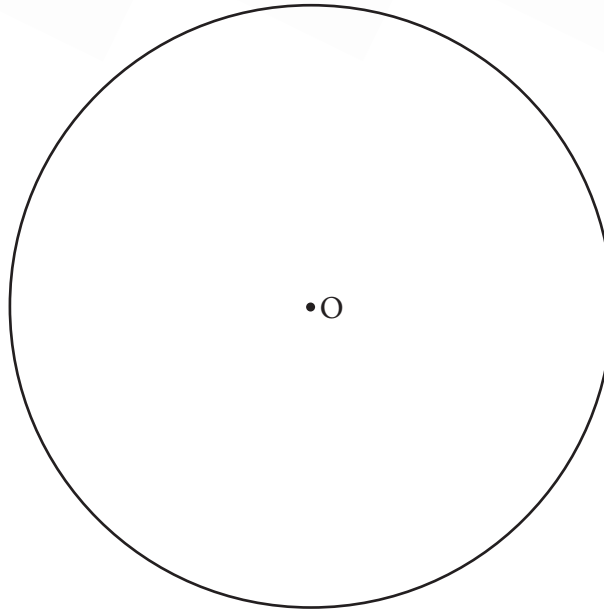
	Liked	Disliked
Male	14	6
Female	18	

- (a) Complete the two-way table.

- (b) Complete the frequency tree from the two-way table.



3. (a) Mark a point X on the circumference of the circle drawn below.



- (b) Join X to O at the centre of the circle.

(i) What is the line OX called?

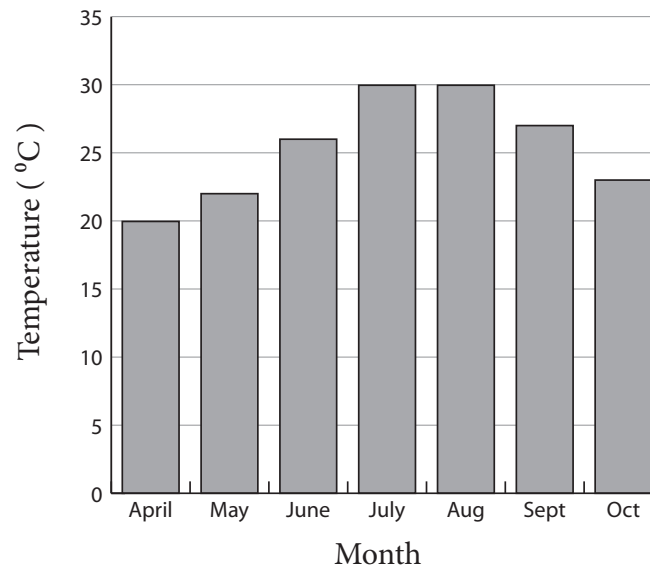
Answer _____

(ii) Measure the length of OX.

Answer _____ cm

4. The bar chart shows the **average daily temperatures** in Spain from April to October.

Average daily temperatures



- (a) Which two months have the same average daily temperature?

Answer _____ and _____

- (b) Which month has the lowest average daily temperature?

Answer _____

- (c) What is the **range** for the average daily temperatures?

Answer _____

5. (a) From the numbers 11, 49, 15, 21, 33, 6, 7 write down

(i) a square number

Answer _____

(ii) a multiple of 5

Answer _____

(iii) a factor of 54

Answer _____

(b) George has £5. He buys 4 packets of stickers at 60p each.
How much change should he get?

Show your working.

Answer £ _____

6. (a) Number cards are arranged to make the number 4791 as shown below.

4	7	9	1
---	---	---	---

(i) What is the value of the 7 in this number?

Answer _____

(ii) Write this number to the nearest 100.

Answer _____

(iii) If the cards are rearranged, what is the largest number that it is possible to make?

Answer _____

(b) The length of a work bench is three thousand and twenty five millimetres. Write this as a number.

Answer _____ millimetres
