SYSTEMATIC LISTING

Pearson Edexcel - Thursday 7 June 2018 - Paper 2 (Calculator) Foundation Tier

1.

7 Mohsin, Yusuf and Luke are going to play a game.
At the end of the game, one of them will be in First place, one of them will be in Second place and one of them will be in Third place.

Use the table below to list all the possible outcomes of the game.

First place	Second place	Third place

(Total for Question 7 is 2 marks)

Pearson Edexcel – Specimen 1 - Paper 1 (Non-Calculator) Foundation Tier

2.

6 Here are four cards.
There is a number on each card.

4	5	2	1

(a) Write down the largest 4-digit even number that can be made using each card only once.

.....

(2)

(b) Write down all the 2-digit numbers that can be made using these cards.

(2)

(Total for Question 6 is 4 marks)

3.

11 Sally has three tiles.
Each tile has a different number on it.
Sally puts the three tiles down to make a number.
Each number is made with all three tiles.

How many different numbers can Sally make?

(Total for Question 11 is 2 marks)

OCR Tuesday 13 June 2017 – Morning (Calculator) Foundation Tier

4.

15 Students at a school must choose one subject from Option 1 and one from Option 2.
The school offers two languages, French and Spanish.

The subjects are given in this table.

Option 1	Option 2
French	Spanish
Art	Geography
Music	History
Economics	

Work out the percentage of all the subject combinations which have exactly one language.

..... % **[4]**

AQA Monday 8 June 2020 – Morning (Calculator) Foundation Tier

5.

8 A team of two players is picked from these people.

Female	Amy (A) Laura (L)
Male	Erik (E) Rob (R) Tim (T)

The team **must** have one female player and one male player.

Complete this list to show **all** of the possible teams.

[2 marks]

Female player	Male player
A	E

AQA Thursday 11 June 2019 – Morning (Calculator) Foundation Tier

6.

17 A shop sells ice creams.

Each ice cream has two scoops.

The possible flavours are vanilla (V), strawberry (S), chocolate (C) and mint (M).

The two scoops can be the same flavour or different flavours.

17 (a) List **all** the possible options for the two scoops.

[2 marks]

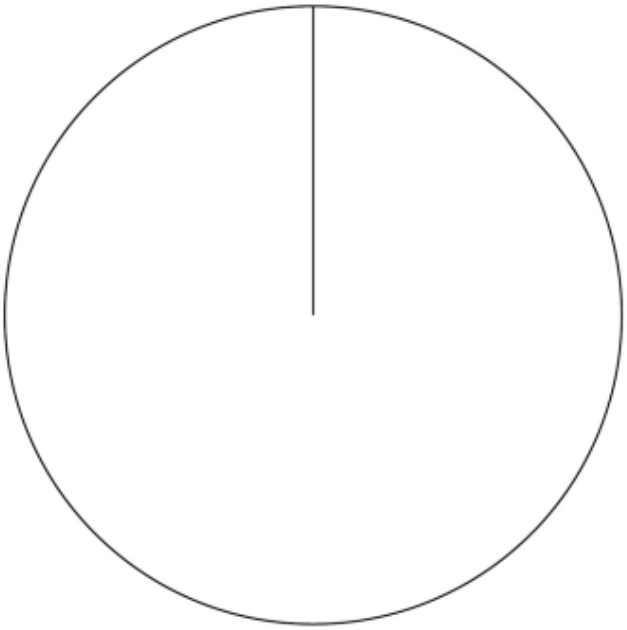
17 (b) In one hour the shop sells 180 scoops of ice cream.

The number of scoops of each flavour is shown in the table.

Flavour	Vanilla	Strawberry	Chocolate	Mint
Number of scoops	45	75	50	10

Complete the pie chart to represent the data.

[4 marks]



AQA Thursday 8 November 2018 – Morning (Calculator) Foundation Tier

7.

8 Lena is at the gym.

8 (a) She will use each of these pieces of equipment once.

Rowing machine (R)	Stepper (S)
Treadmill (T)	Bike (B)

Lena will use the rowing machine **first**.

List all the possible orders in which she could use the four pieces of equipment.

[2 marks]

8 (b) The table shows how long Lena spends on each piece of equipment.

Rowing machine	15 minutes
Stepper	13 minutes
Treadmill	35 minutes
Bike	1 hour 30 minutes

Lena starts on the rowing machine at 1.50 pm

She has a break for 4 minutes between pieces of equipment.

What time does she finish on her last piece of equipment?

[3 marks]

Answer _____

AQA Tuesday 12 June 2018 – Morning (Calculator) Foundation Tier

8.

9 A music app has a shuffle play function.
This means that songs are played in a random order **without repeat**.

9 (a) Ruth puts 10 songs on shuffle play.
One of them is her favourite song.

Write down the probability that her favourite song plays first.

[1 mark]

Answer _____

9 (b) Ted puts songs A, B and C on shuffle play.

List all the possible orders of songs A, B and C.
One has been done for you.

[2 marks]

A B C

AQA Wednesday 8 November 2017 – Morning (Calculator) Foundation Tier

9.

6 Gina makes a sandwich using

bread (B) or a roll (R)

and

ham (H) or cheese (C)

and

salad (S) or pickle (P)

6 (a) List **all** the possible types of sandwich Gina could make.
One has been done for you.

[2 marks]

B H S

6 (b) What **fraction** of the possible types of sandwich have cheese **and** pickle?

[1 mark]

Answer _____

AQA Tuesday 13 June 2017 Morning– Morning (Calculator) Foundation Tier

10.

6 Twelve cards numbered 1 to 12 are put into six pairs.
Each pair has a total.

Complete the table to show the pairs and their totals.

[4 marks]

Cards	Total
1 and 2	3
_____ and _____	9
_____ and _____	11
_____ and _____	14
_____ and _____	19
_____ and _____	22