



# FUNCTIONAL SKILLS MATHEMATICS

AQA | Edexcel | City & Guilds | Open Awards | NCFE | Highfield

Entry Level 3

## Lists

### Materials

- You **cannot** use a calculator for **questions** with this symbol.



### Instructions

- Answer **all** questions.
- Answer questions on separate paper.

### Information and Advice

- The marks for each question are shown in brackets – use this as a guide on how long to spend on each question.
- Read each question carefully before you answer it.
- Check you answers.

**Q1** Jeremy asks 4 of his friends to measure their heights.  
He makes a list of the heights, as shown below:

Darren	181 cm
Alicia	168 cm
Oscar	195 cm
Ellie	156 cm

- 1(a)** Which of his friends is the tallest? **[1 mark]**
- 1(b)** Which of his friends is the shortest? **[1 mark]**
- 1(c)** Calculate the difference between the tallest and shortest. **[2 marks]**
- 1(d)** How tall is Alicia? **[1 mark]**

**Q2** Stefan has made a shopping list.

2 loaves of bread
6 apples
1 jar of jam
5 jars of pasta sauce

- 2(a)** How many jars of pasta sauce does he need? **[1 mark]**
- 2(b)** How many items is Stefan buying in total? **[2 marks]**

**Q3** Here is the menu for starters at a restaurant.

Starters	
Vegetable Samosas	£5.95
Garlic Bread	£4.20
Calamari Rings	£6.70
Soup of the Day	£3.95
Bruschetta	£5.40

**3(a)** What is the price of Bruschetta?

[1 mark]

**3(b)** What is the cheapest starter on the menu?

[1 mark]

**3(c)** What is the most expensive starter on the menu?

[1 mark]

**3(d)** How much cheaper is the soup of the day compared to garlic bread?

[2 marks]

**Q4** Ivy rents out her house for 2 months to 5 different guests.

She asks all of the guests to leave a rating out of 10 and records to the scores in a list.

Ratings	
Mr Barnet	8.1/10
Mrs Wilkinson	7.5/10
Mr Wayne	9.3/10
Mrs Bowman	6.8/10
Miss Devin	7.7/10

**4(a)** Which guest gave the highest rating?

[1 mark]

**4(b)** Which guest gave the lowest rating?

[1 mark]

**4(c)** What rating did Mrs Wilkinson give?

[1 mark]

**Q5** An airline company records the weights of 4 random suitcases on a flight.

Weight	
Suitcase 1	16.5 kg
Suitcase 2	17.1 kg
Suitcase 3	18.3 kg
Suitcase 4	15.9 kg

**5(a)** Which suitcase is the lightest?

[1 mark]

**5(b)** Which suitcase is the heaviest?

[1 mark]

**5(c)** What is the difference in weight between suitcase 1 and suitcase 4?

[2 marks]

**Q6**

Carrie is trying to organise a holiday destination for herself and two friends.

She asks her friends what are their 3 preferred destinations to go to and makes a list.

Carrie:	Spain, Cyprus, Croatia
Jess:	Cyprus, France, Spain
Brooke:	Bulgaria, Tenerife, Cyprus

**6(a)**

Which destination do they all want to go to?

**[1 mark]**

**6(b)**

Which person wants to go to Bulgaria?

**[1 mark]**

**6(c)**

Which person wants to go to France?

**[1 mark]**