NCFE Entry Level 3 Functional Skills Qualification in Mathematics
(603/5061/1)

| Paper number: | Paper 10 |
| Section B: | Calculator Test |

Time allowed: 1 hour 15 minutes

Learner instructions
- Answer **all** questions.
- Read each question carefully.
- Write your answers in the spaces provided.
- Show your working, as marks may be awarded for working.
- This shows you where to write your working and answers.
- State units in your answers, where appropriate.
- Check your work.

Learner information
- The maximum mark for this section is **30**.
- The marks available for **each** question are shown in brackets.

Resources
You will need:
- a pen, with black or blue ink
- a pencil and eraser
- a 30 cm ruler
- a calculator.

To be completed by the assessor		Mark
B	Activity 2	/ 10
	Activity 3	/ 10
	Activity 4	/ 10

Please complete the details below clearly and in BLOCK CAPITALS.

Learner name

Centre name

Learner number

Centre number

Do not turn over until the assessor tells you to do so.

Activity 2: Starting college

Alex goes to college.

2 (a)   Students go to a welcome meeting in the hall.
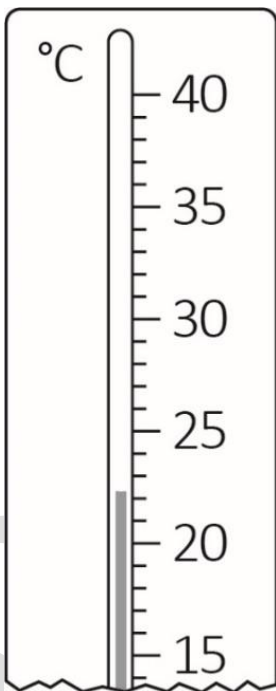
There are seats for 812 people.

Write 812 in words.

[1 mark]

2 (b)   This is the thermometer in the hall.

What is the temperature to the nearest **unlabelled** division?

[1 mark]

2 (c)   Alex has a drink after the meeting.

He drinks 600 ml of water.

He thinks this is more than 0.75 litres of water.

Is he correct?
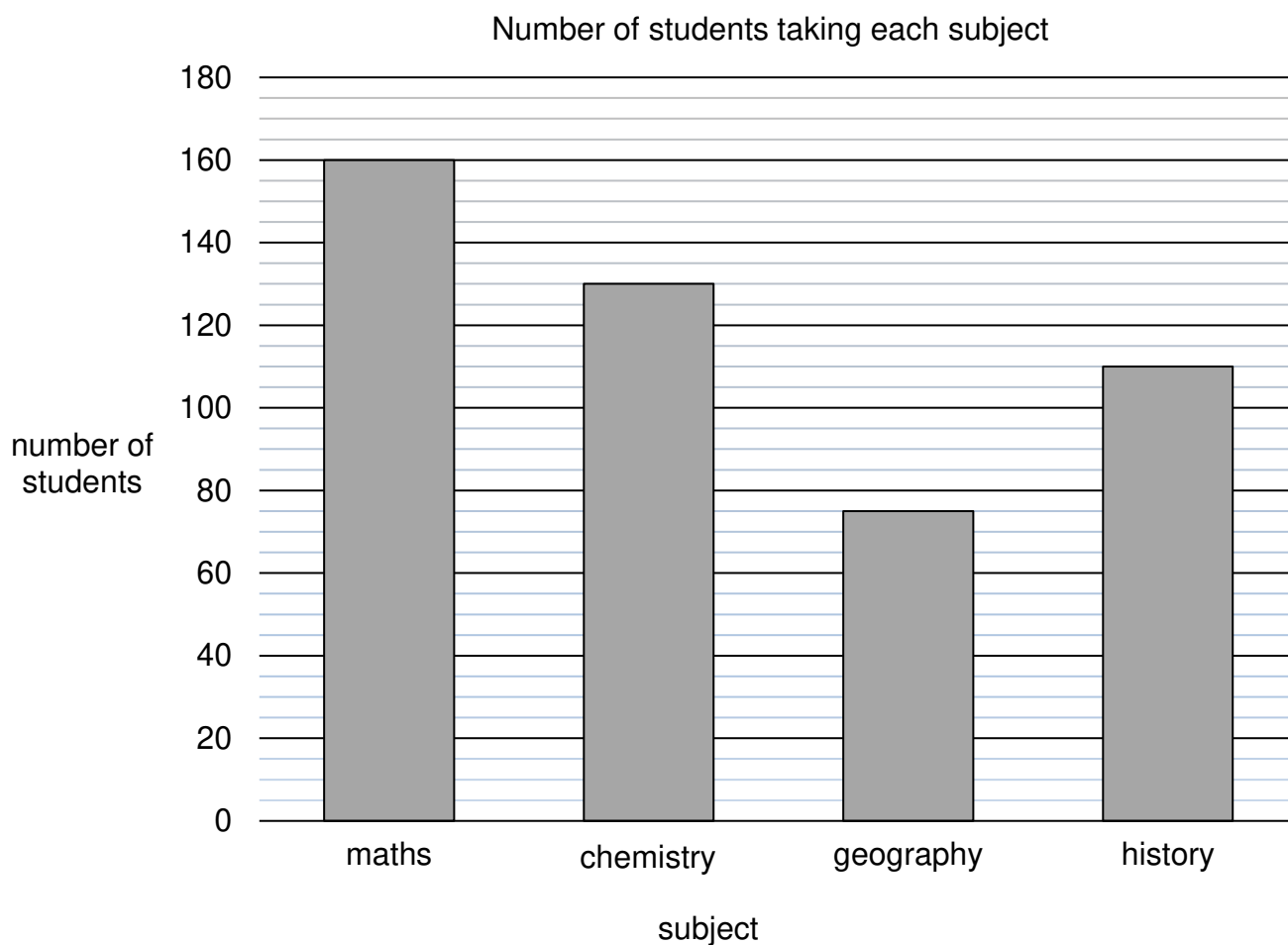
Give a reason for your answer.

[2 marks]

2 (d) This chart shows the numbers of students taking some subjects.

Number of students taking each subject

Alex thinks 40 more students take history than geography.

Is he correct?

Give a reason for your answer.

[2 marks]

2 (e) This list shows the numbers of students taking other subjects.

biology	120
physics	90
art	75
drama	45

Complete the table to show this information.

[2 marks]

2 (f)   Students choose college activities.

football   dance   dance   rugby

singing   dance   football   singing

football   dance   football   football

dance   dance   dance   singing

Complete the frequency table to show the numbers of activities.

[2 marks]

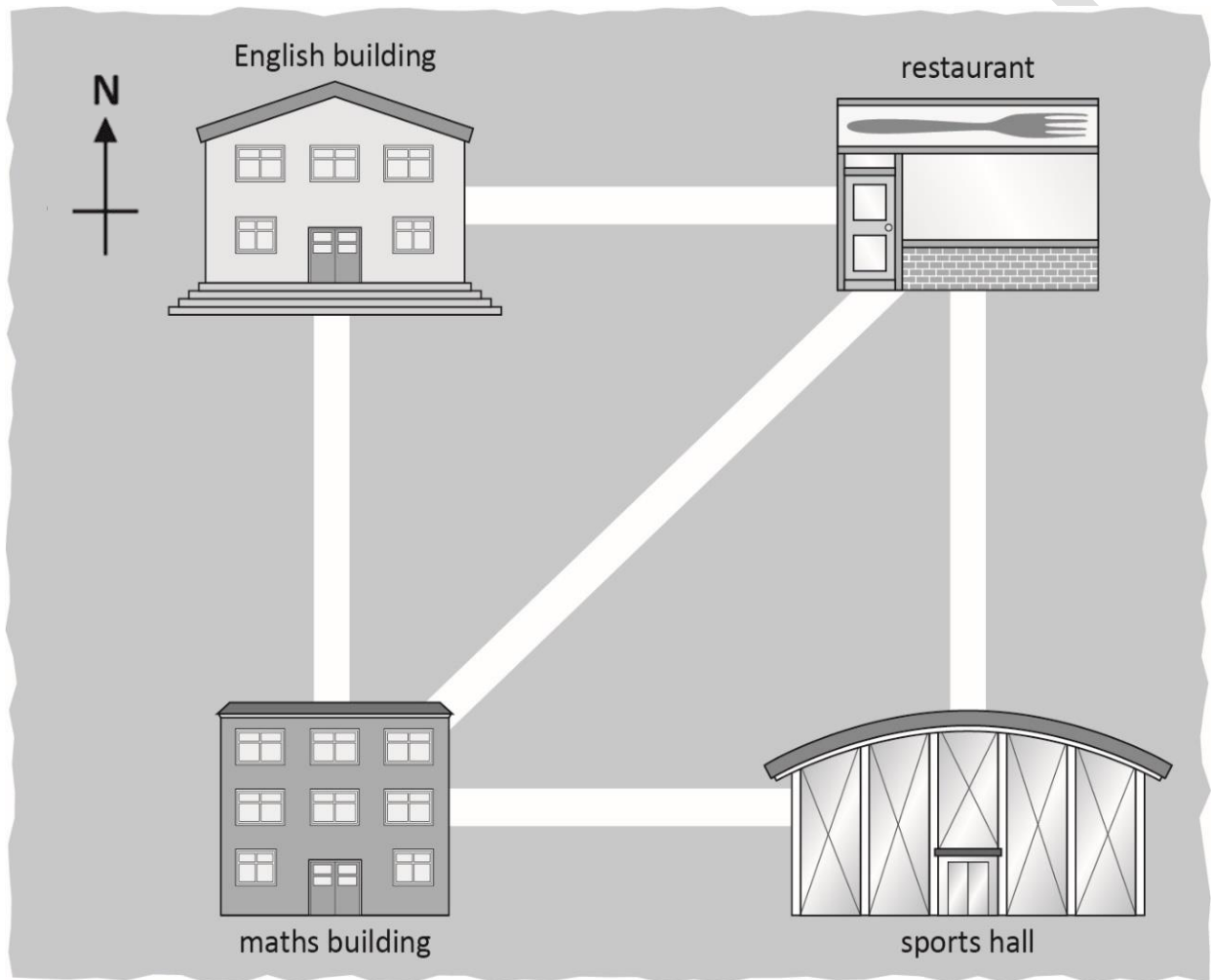| Activity	Frequency
football	
dance	
singing	
rugby	

[Total marks: 10]

Activity 3: At college

Alex is at college all day.

3 (a) Alex is in the maths building.
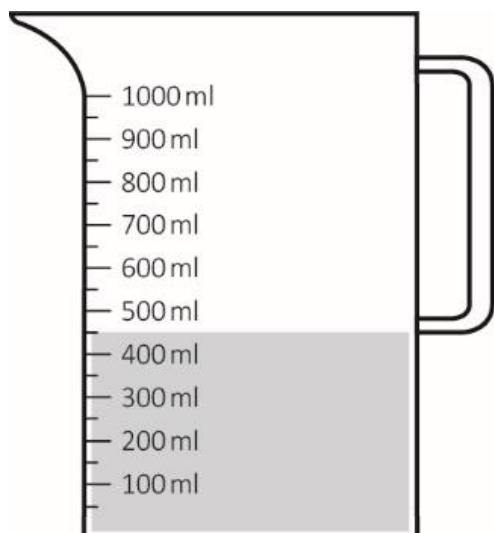
He walks the shortest route to the restaurant.

In which direction does Alex walk?

[1 mark]

3 (b) Alex sees this jug of orange juice at the restaurant.

He thinks there is half a litre of orange juice in the jug.

Is Alex correct?
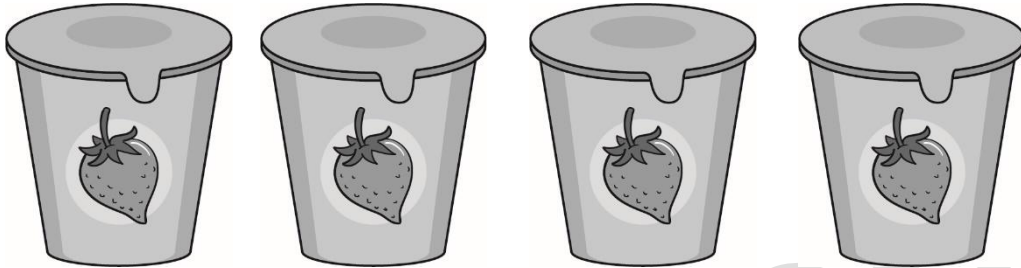
Give a reason for your answer.

[3 marks]

3 (c) The restaurant sells fruit pots in different weights.

Alex buys the heaviest pot.

Which pot does Alex buy?

Tick (✓) your answer.

[1 mark]

0.25 kg	0.3 kg	0.45 kg	0.4 kg
A ( )	**B ( )**	**C ( )**	**D ( )**

3 (d) Alex buys lunch.

It costs £6.95

He pays with a £10 note.

How much change does he get?

[2 marks]

3 (e) The restaurant manager has a list of how many students eat lunch there each day.

Day	Number of students
Monday	253
Tuesday	325
Wednesday	523
Thursday	235
Friday	352

What is the lowest number of students?

[1 mark]

3 (f)   Alex plays football after lunch.

The college has four outdoor playing fields of different lengths.

700 metres	400 metres	0.5 kilometres	0.8 kilometres
A	**B**	**C**	**D**

Alex thinks field A is the longest.

Is he correct?

Give a reason for your answer.

[2 marks]

[Total marks: 10]

Activity 4: The report

Alex has to write a report.

4 (a)   Alex has a list of how many words he writes each day.

Monday	253 words
Tuesday	117 words
Wednesday	226 words

Alex thinks the total number of words is 596

He rounds each number to the nearest 10 to check his answer.

Show how he does this check.

[3 marks]

4 (b) Alex can book different amounts of time on a computer.

The times go up in sequence.

What is the next number?

[1 mark]

45   minutes

60   minutes

75   minutes

_____ minutes

4 (c) Alex has finished his report.

The report is 24 pages long.

He has to print 11 copies of his report.

How many pages will Alex print in total?
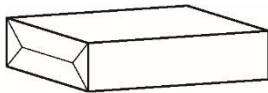
[2 marks]

Please turn over

4 (d)   Alex needs a new packet of printer paper.
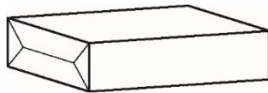
He opens the heaviest packet.
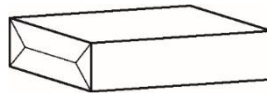
Which packet does he open?
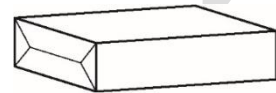
Tick (✓) your answer.

[1 mark]

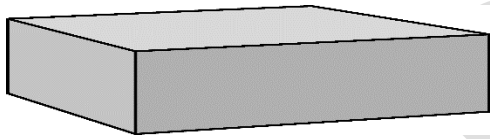| 100 g	1 kg	1000 g	1.1 kg
A ( )	B ( )	C ( )	D ( )

4 (e)   The packets of paper are all shaped like this.

How many right angles does this 3D shape have?

[1 mark]

4 (f)   Alex wants to hand in his report.

He sees this notice.

> Reports must be handed in
>
> between ten past four and ten to five
>
> in the afternoon.

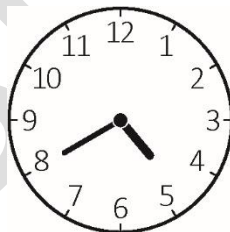When can Alex hand in his report?

Tick (✓) two answers.

[2 marks]

4:35 pm	4:40 am	5:10 pm
A ( )	**B ( )**	**C ( )**

D ( )	**E ( )**	**F ( )**

[Total marks: 10]

This is the end of the internal assessment.