

Reformed Pearson Edexcel Functional Skills Entry 3

Section A – Non-calculator

Mathematics

Set 3

For first teaching September 2019

Past Paper Set 3

Time: 25 minutes



Candidate name

Candidate signature

Date

You must have a

- black or blue ink pen
- pencil
- ruler
- rubber.

Instructions

- Answer every question.
- You can write or draw to show your answers.
- You must **not** use a calculator.

Information

- The total number of marks for this section is 9.

Advice

- Read each question carefully.
- Check your work at the end.
- Ask if you do not understand any words.

Turn over ►

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W 6 4 1 8 4 A



Pearson

1 Eleri and her friends plan an adventure holiday together.

Eleri buys these items for the holiday.

boots
£169

rucksack
£245

Calculate the total of these amounts.

(2)

Show your working and your answer here.

£ _____

2 Eleri goes on holiday for 14 days.

She needs £25 spending money each day.

How much spending money does Eleri need in total?

(2)

Show your working and your answer here.

£ _____

3 Eleri wants to be fit for the adventure holiday.

She runs 2 laps of a running track.

Each lap is 400 m.

Eleri thinks she has run 1 km in total.

Is Eleri correct?

Show why you think this.

(2)

Show your working and your answer here.

Tick (✓) the correct answer.

Yes () No ()

4 Eleri books a climbing activity.

There are 138 people in total on the activity.

The people are put into teams.

There are 12 people in each team.

Any people left over are in a small group.

How many teams are there?

Show how many people are in the small group.

(3)

Show your working and your answer here.

_____ teams

_____ people in the small group

Reformed Pearson Edexcel Functional Skills Entry 3

Section B – Calculator

Mathematics

Set 3

For first teaching September 2019

Past Paper Set 3

Time: 75 minutes



Candidate name

Candidate signature

Date

You must have a

- black or blue ink pen
- pencil
- ruler
- rubber
- calculator.

Instructions

- Answer every question.
- You can write or draw to show your answers.
- You may use a calculator.

Information

- The total number of marks for this section is 27.

Advice

- Read each question carefully.
- Check your work at the end.
- Ask if you do not understand any words.

Turn over ►

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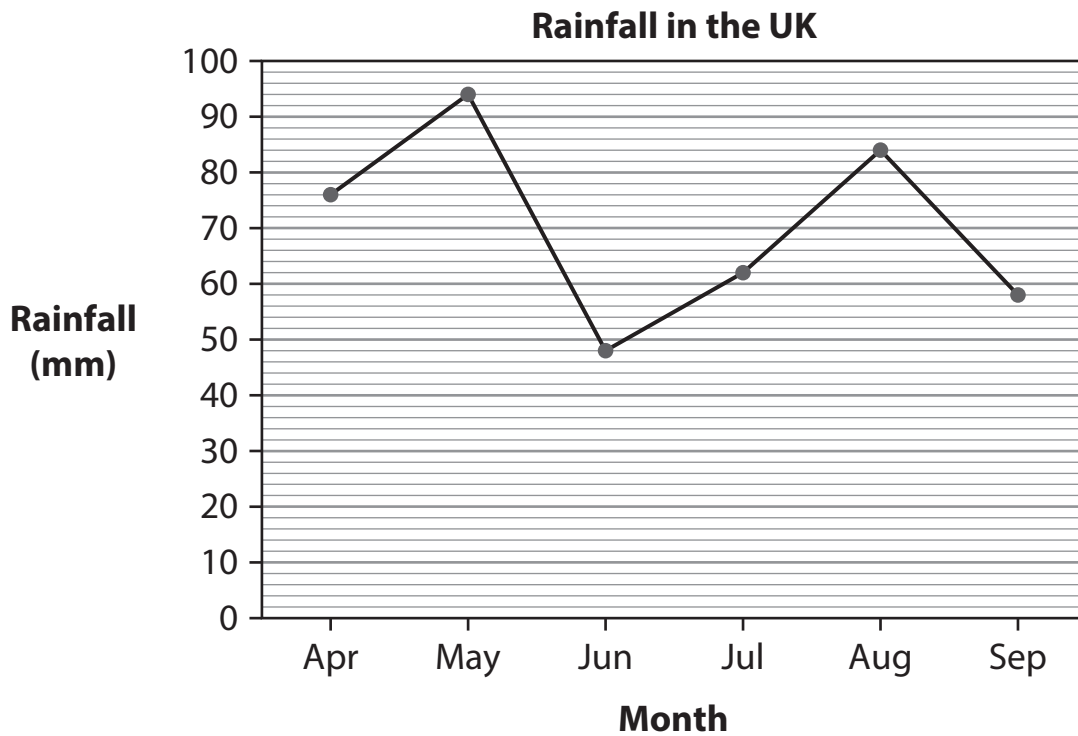
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Pearson

1 Eleri and her friends plan an adventure holiday.

This graph shows rainfall in the UK last year.



Eleri thinks that there was twice as much rainfall in May than in June.

Is Eleri correct?

Show why you think this.

(3)

Show your working and your answer here.

Tick (✓) the correct answer.

Yes () No ()

2 Eleri looks for a holiday cottage.

She chooses the cheapest cottage with 4 bedrooms.

Which cottage does Eleri choose?

(1)

Tick (✓) the correct answer.

Cottage A
3 bedrooms
£837

()

Cottage B
4 bedrooms
£790

()

Cottage C
4 bedrooms
£809

()

Cottage D
3 bedrooms
£793

()

Cottage E
4 bedrooms
£783

()

Cottage F
3 bedrooms
£775

()

3 The total cost of travel for the holiday is £296

The 4 friends share this cost equally.

How much does each friend pay?

(2)

Show your working and your answer here.

£ _____

4 (a) Round 296 to the nearest 100

(1)

Show your answer here.

(b) Use the rounded number to check your answer to question 3

(1)

Show your check here.

5 Eleri has this information about holiday activities.

Activity Surfing

Time 1 hour

Cost £38

Activity Horse riding

Time 4 hours

Cost £45

Activity Climbing

Time 3 hours

Cost £40

Eleri wants to show this information in a table.

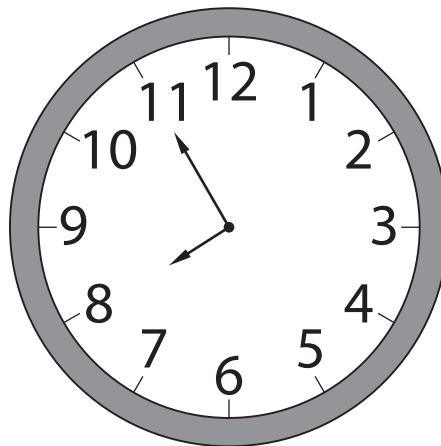
Organise the information in a table.

(1)

Show your answer here.

6 Eleri goes to an obstacle course in the morning.

She looks at the clock.



What time does the clock show?

(1)

Tick (✓) the correct answer.

8.05 pm ()

7.55 am ()

8.05 am ()

7.55 pm ()

7 Kevin leads the obstacle course.

There are 3 teams.

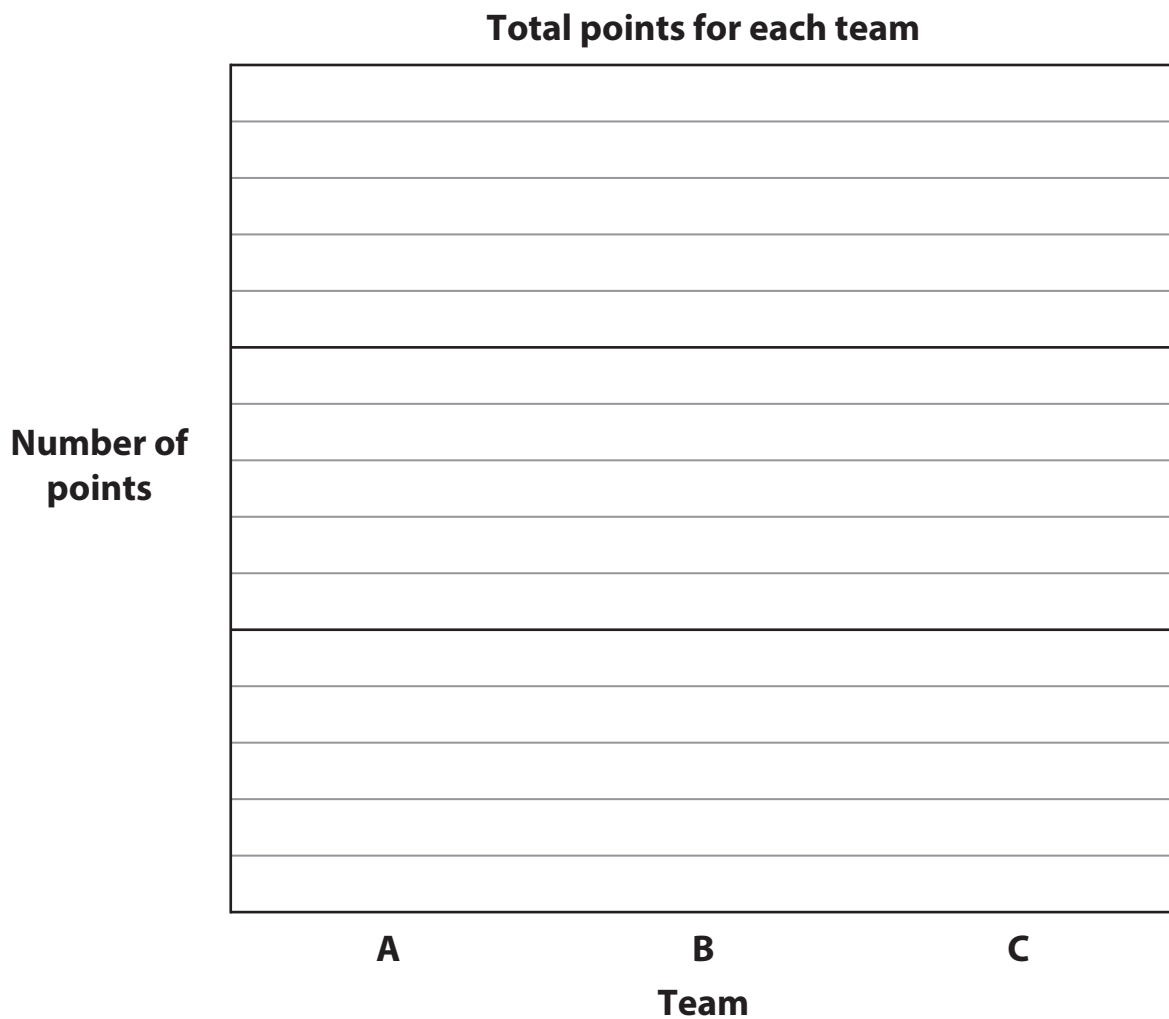
Here are the total points for each team.

Team	Points
A	220
B	260
C	140

Kevin wants to show the points for each team on a bar chart.

Complete the bar chart using a suitable scale.

(2)



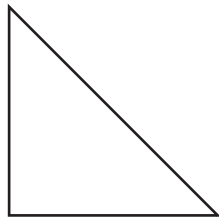
8 Kevin gives out medals.

The medals are in different shapes.

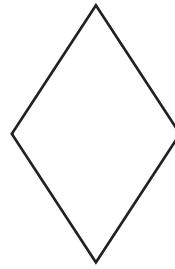
Which shape has a right angle?

(1)

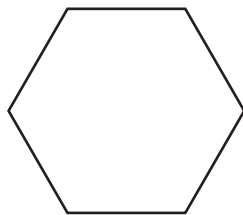
Tick (✓) the correct shape.



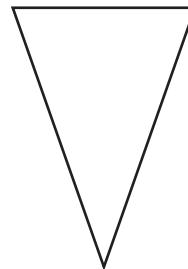
()



()



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9 Eleri goes to a horse riding class.

There are 15 people in total in the class.

Five people in the class are disabled.

Eleri thinks that one fifth of the people in the class are disabled.

Is Eleri correct?

Show why you think this.

(1)

Show your answer here.

Tick (✓) the correct answer.

Yes () No ()

10 Eleri wants a surfing class in the afternoon.

She wants the class to start between 2:30 and 4:30

What time will the class start?

(1)

Tick (✓) the correct time.

Surfing class start times

14:15

()

02:45

()

03:45

()

15:15

()

11 Eleri chooses a surfboard.

She wants a surfboard with a length as close as possible to 2 m.

Which surfboard does Eleri choose?

(1)

Tick (✓) the correct answer.

Surfboard lengths

1.91m

()

2.1m

()

2.3m

()

1.98m

()

2.04m

()

1.84m

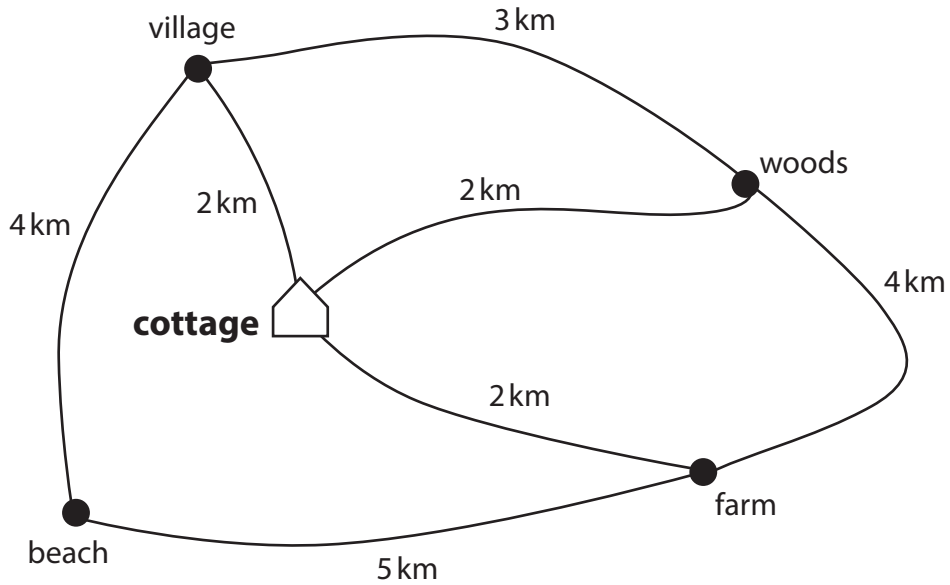
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12 Eleri wants to go on a walk that starts and ends at the cottage.

The diagram shows the footpaths she can take.

Eleri wants to use the footpaths on the walk only once.

She wants a walk that has a length of 11 km.



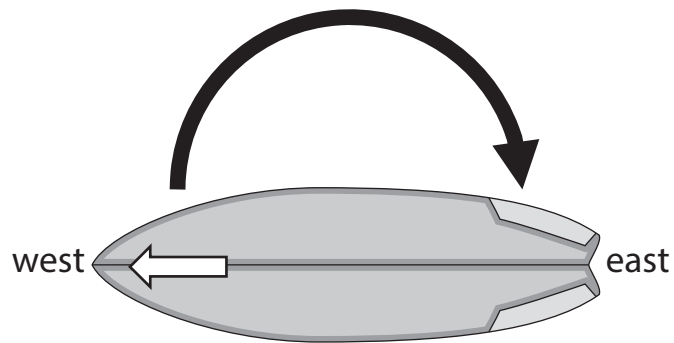
Plan a suitable walk for Eleri.

(2)

Show your working and your answer here.

13 Eleri goes surfing.

The surfboard is facing west.



What fraction does Eleri turn the surfboard to face east?

(1)

Show your answer here.

14 Eleri wants to buy some tea bags.

These are the number of tea bags in each box.

40 80 120

The number of tea bags in each box follows a pattern.

What is the next number in the pattern?

(1)

Show your answer here.

40

80

120

15 Eleri buys these items from a shop.

tea bags £2.89

bread 81p

How much money does Eleri spend in total?

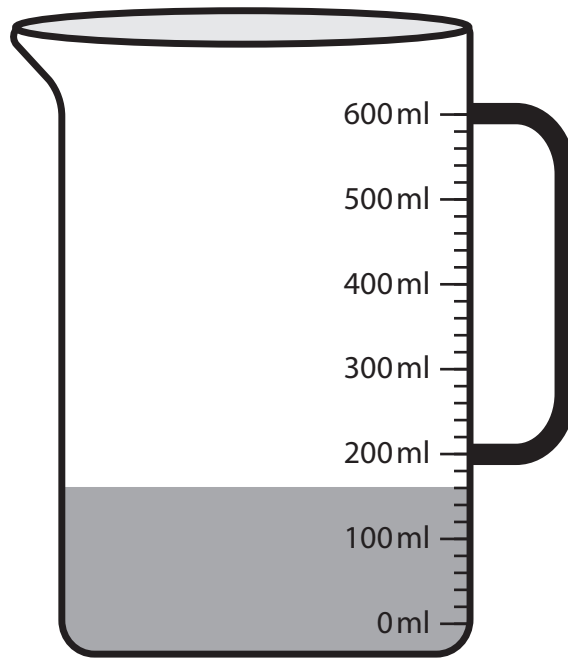
Use correct money format.

(3)

Show your working and your answer here.

16 Eleri cooks dinner.

She pours some milk into this jug.



Eleri needs a total of half a litre of milk.

She thinks she needs to pour 440 ml more milk into the jug.

Is Eleri correct?

Show why you think this.

(3)

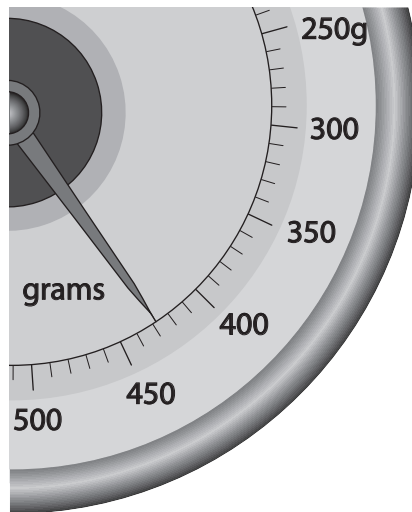
Show your working and your answer here.

Tick (✓) the correct answer.

Yes () No ()

17 Eleri needs 350 g of flour to make a pie.

She weighs some flour.



There is more flour than Eleri needs for the pie.

How much more flour is there than Eleri needs to the nearest division?

(1)

Show your answer here.

_____ g