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Reformed Pearson Edexcel Functional Skills Entry 2

Section B – Calculator

Mathematics

Practice Paper

For first teaching September 2019

Time: 65 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 21.

Advice

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

Turn over ►

W64156A

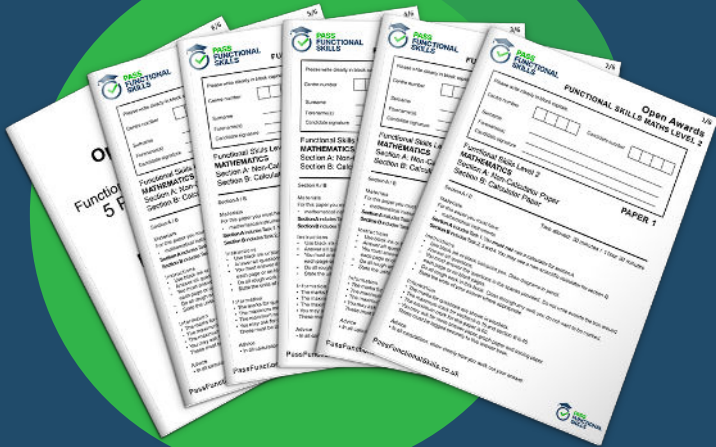
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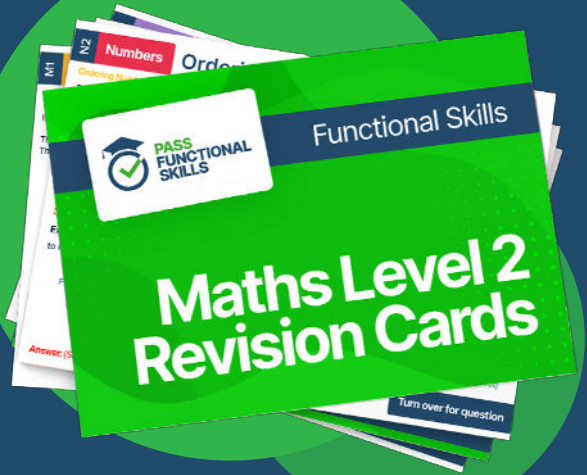

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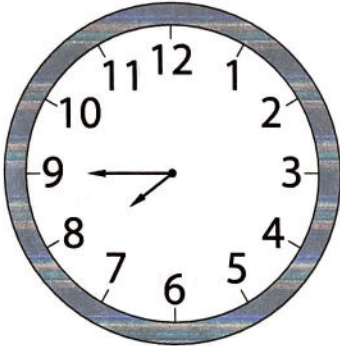
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1 Lucy wants to wake up before seven o'clock.

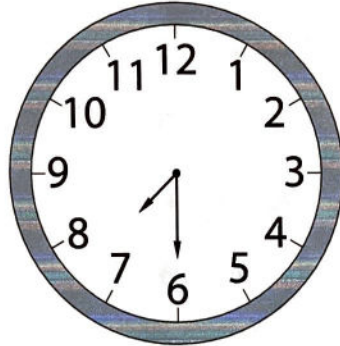
What time will Lucy set her alarm clock to?

(1)

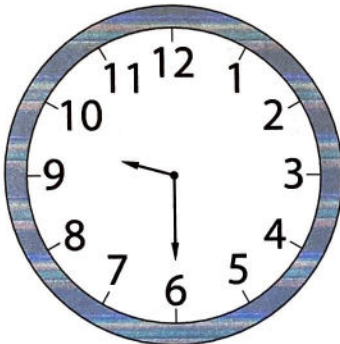
Tick (✓) the correct answer.



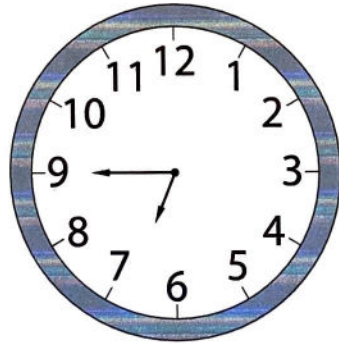
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(✓)

6:45

2 Lucy looks at the waiting times for buses.

Waiting times for buses

Bus 2 to town centre	3 minutes
Bus 4 to station	20 minutes
Bus 5 to town centre	7 minutes
Bus 7 to town centre	18 minutes
Bus 8 to station	9 minutes
Bus 11 to airport	6 minutes
Bus 13 to station	14 minutes



Lucy takes a bus to the station.

She takes the bus with the least waiting time.

Which bus does Lucy take?

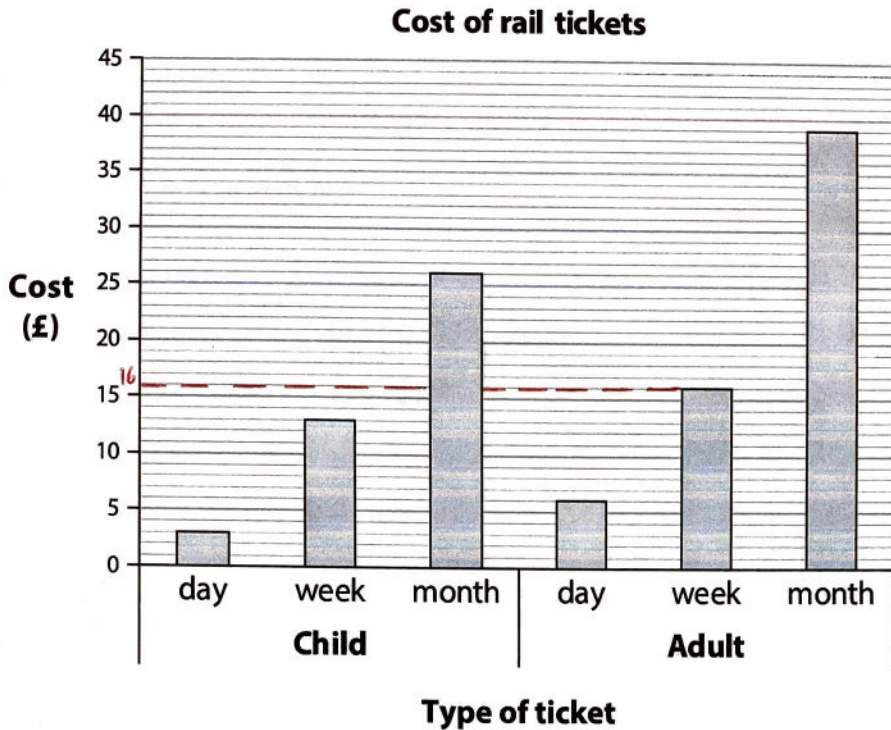
(1)

Show your answer here.

Bus 8 (or 9 minutes)

3 Lucy compares the costs of rail and bus tickets.

The chart shows the cost of rail tickets.



Lucy pays £11 for an adult week bus ticket.

How much less does Lucy pay for an adult week bus ticket than an adult week rail ticket?

(1)

Show your answer here.

$$£16 - £11 = £5$$

£ 5

4 Lucy pays for her travel.

She works out how much money is left over.

She does this calculation.

$$154 - 29 \quad \square \quad 125$$

What is the missing symbol?

(1)

Tick (✓) the correct answer.

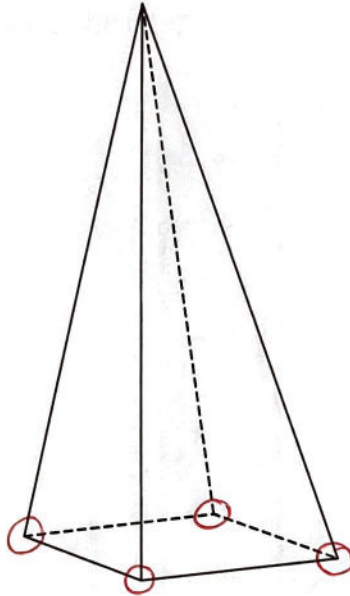
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(✓)

()

()

5 Lucy sells lamps in the shape of a pyramid.



How many corners does the base of the pyramid have?

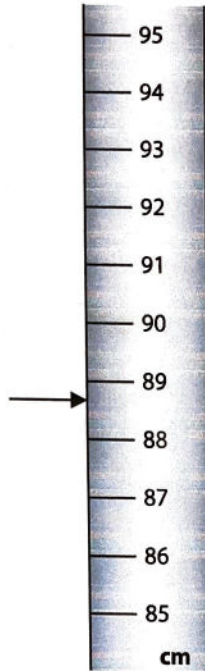
(1)

Show your answer here.

4 corners

6 Lucy puts a lamp into a box.

The arrow shows how tall the lamp is.



The box is 6 cm taller than the lamp.

How tall is the box to the nearest division?

Use the correct unit.

(3)

Show your answer here.

The arrow is closer to 89cm than 88cm.

$$89\text{cm} + 6\text{cm} = 95\text{cm}$$

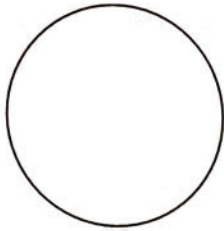
7 Lucy sells a table.

The top of the table is a hexagon.

Which shape is a hexagon?

(1)

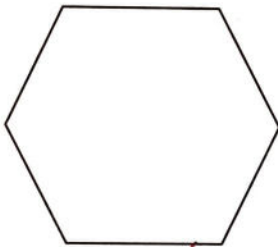
Tick (✓) the correct answer.



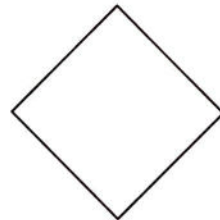
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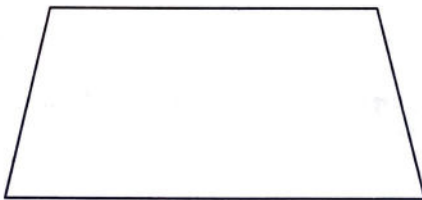
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(✓)



()



()



()

- 8 Lucy puts one box on a trolley.

The box on the trolley has a weight of 27 kg.

The most weight the trolley can take is 50 kg.

She has another box with a weight of 19 kg.

Can the trolley take the weight of both boxes?

Show why you think this.



(2)

Show your working and your answer here.

$$27 \text{ kg} + 19 \text{ kg} = 46 \text{ kg} \text{ which is less than } 50 \text{ kg}$$

Tick (✓) the correct answer.

Yes (✓) No ()

- 9 (a) Round 27 to the nearest 10

(1)

Show your answer here.

30

- (b) Use the rounded number to check your answer to question 8

(1)

Show your check here.

$$30 + 19 = 49$$

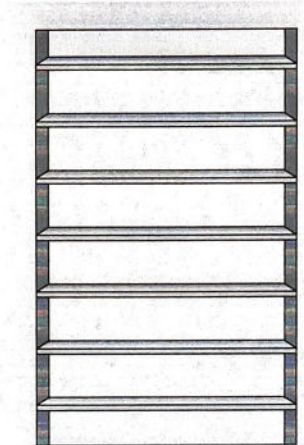
10 Lucy fits shelves on a wall.

She needs to change the middle shelf.

Which is the middle shelf?

(1)

Show your answer on the diagram.



middle
shelf

- 11 A customer pays Lucy for 6 coat hooks.



coat hook
12p each

How much does the customer pay in total?

Use the correct symbol for money.

(3)

Show your working and your answer here.

$$6 \times 12p = 72p$$

12 Lucy has information about cupboards for sale.

Colour	Number of drawers	Price (£)
white	3	98
grey	2	132
white	3	109
grey	4	112
brown	3	92
white	5	120
grey	3	105



Lucy looks for a grey cupboard with more than 3 drawers.

How much will she spend?

(1)

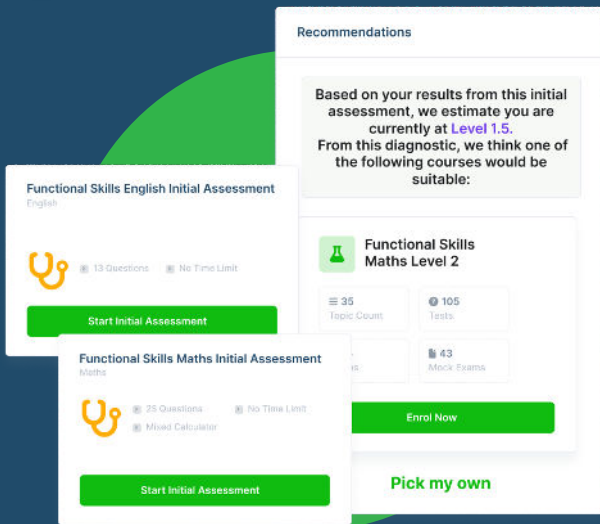
Show your answer here.

£ 112

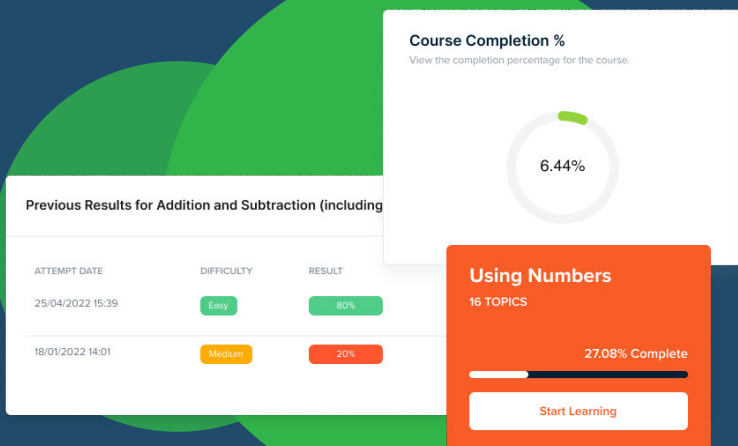
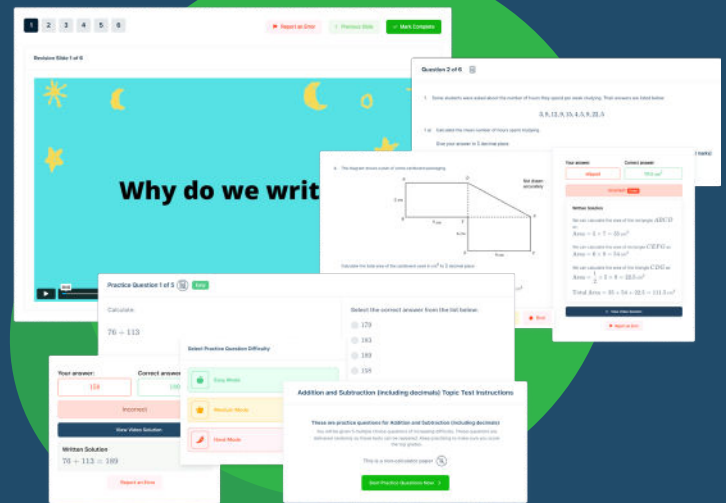


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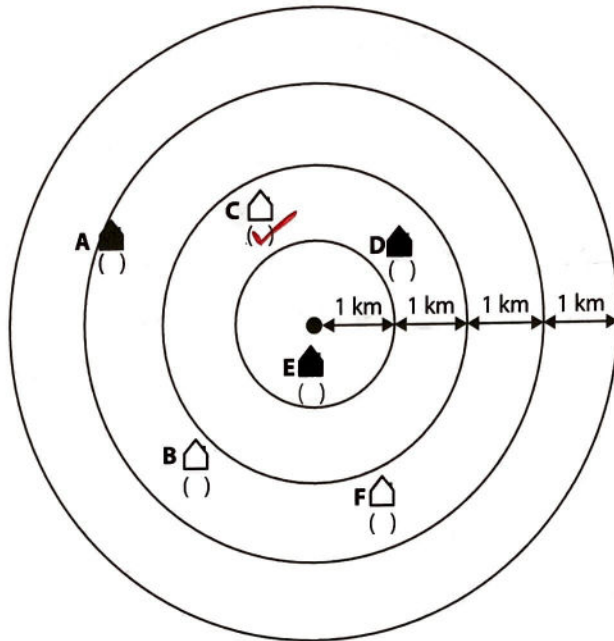
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13 Lucy looks at a diagram about home deliveries.



Key	● shop
	☐ morning home delivery
	▣ afternoon home delivery

The first morning home delivery is nearest to the shop.

Which morning home delivery is first?

(1)

Tick (✓) to show the answer on the diagram.

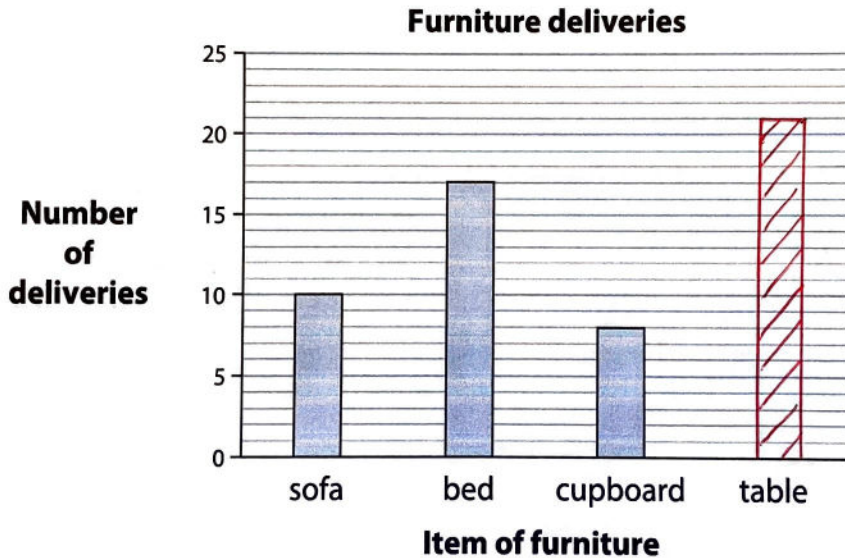
14 Lucy counts the furniture deliveries she makes.

Item of furniture	Number of deliveries
sofa	10
bed	17
cupboard	8
table	21

Lucy needs a bar chart to show the information.

Show the number of deliveries of tables on the chart.

(1)



15 Lucy buys hot food for lunch.

She wants to pay less than £5

Which food will Lucy buy?

(1)

Tick (✓) the correct answer.

Menu

sandwich

cold

£3

()

pie

hot

£4

(✓)

curry

hot

£6

()

salad

cold

£4

()

pizza

hot

£8

()

pasta

cold

£4

()