Reformed Pearson Edexcel Functional Skills Entry 3

Section B – Calculator

Mathematics
Practice Paper
For first teaching September 2019
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.

W 6 4 1 5 7 A

Pearson

1 Bret works for a printing company.

He buys 5 packs of card.

Each pack of card costs £14.06

How much money does Bret pay in total for the packs of card?

Use the correct money format. **(3)**
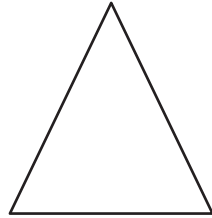
Show your working and your answer here.

2 Bret prints labels with different shapes.

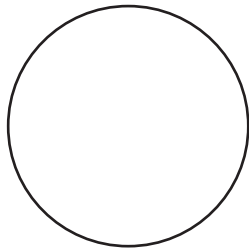**Which shape has the most right angles?** **(1)**

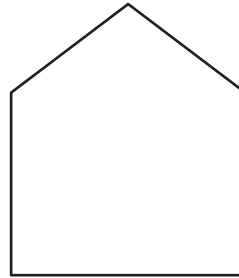Tick (✔) the correct shape.
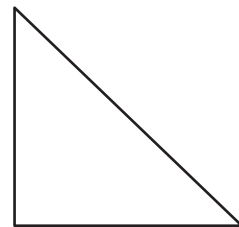
( )

( )

( )

( )

( )

( )

3 Bret prints documents for customers.

Each document has a number.

Bret prints documents in number order from smallest to largest.

What is the number of the second document that Bret prints? **(1)**

Tick (✔) the correct answer.

document number 546	document number 504
( )	( )

document number 605	document number 460
( )	( )

document number 560	document number 540
( )	( )

4 Bret needs 450 packs of paper for next week.

He has 284 packs of paper.

How many more packs of paper does Bret need? **(2)**

Show your working and your answer here.

5 **(a)** **Round 284 to the nearest 10** **(1)**

Show your answer here.

(b) **Use the rounded number to check your answer to question 4** **(1)**

Show your check here.

6 Bret buys packs of card.

These are the numbers of sheets of card in different packs.

$$12 \qquad 24 \qquad 36$$
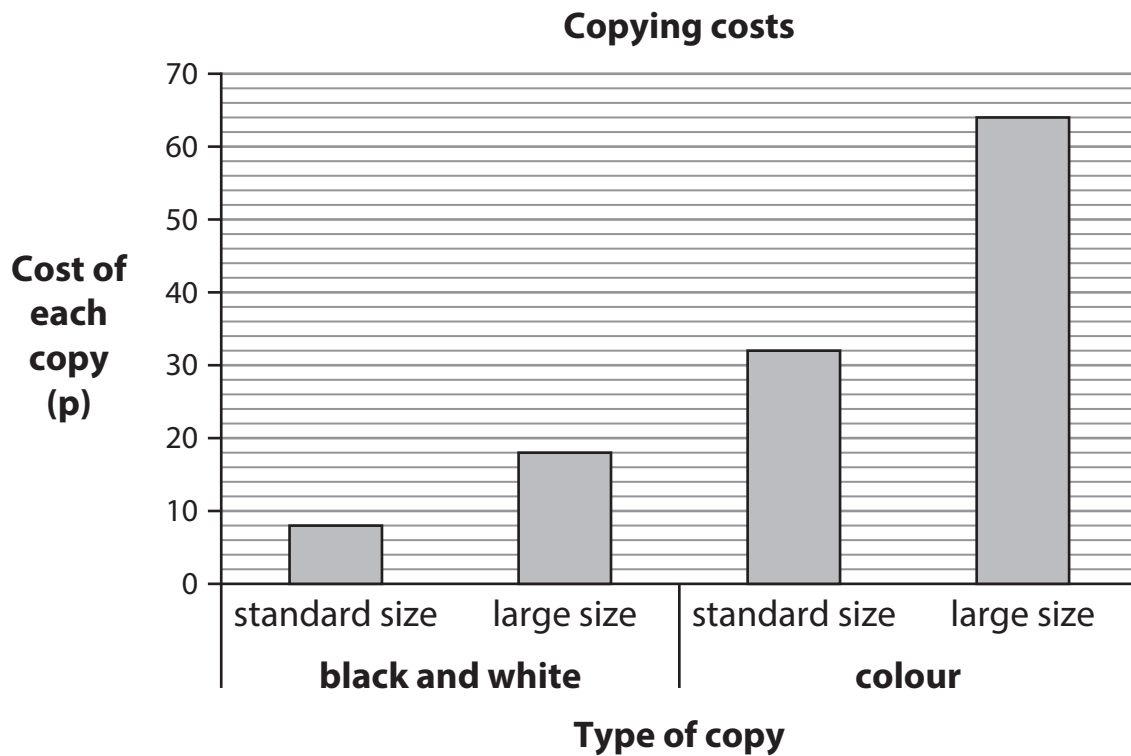
The numbers of sheets follow a pattern.

Bret wants to buy the pack with the next largest number of sheets.

What is the number of sheets in the pack Bret buys? **(1)**

Show your answer here.

7   The chart shows the costs of copying documents.

Copying costs

A customer wants a large size copy.

Bret says a large size colour copy costs 48p more than
a large size black and white copy.
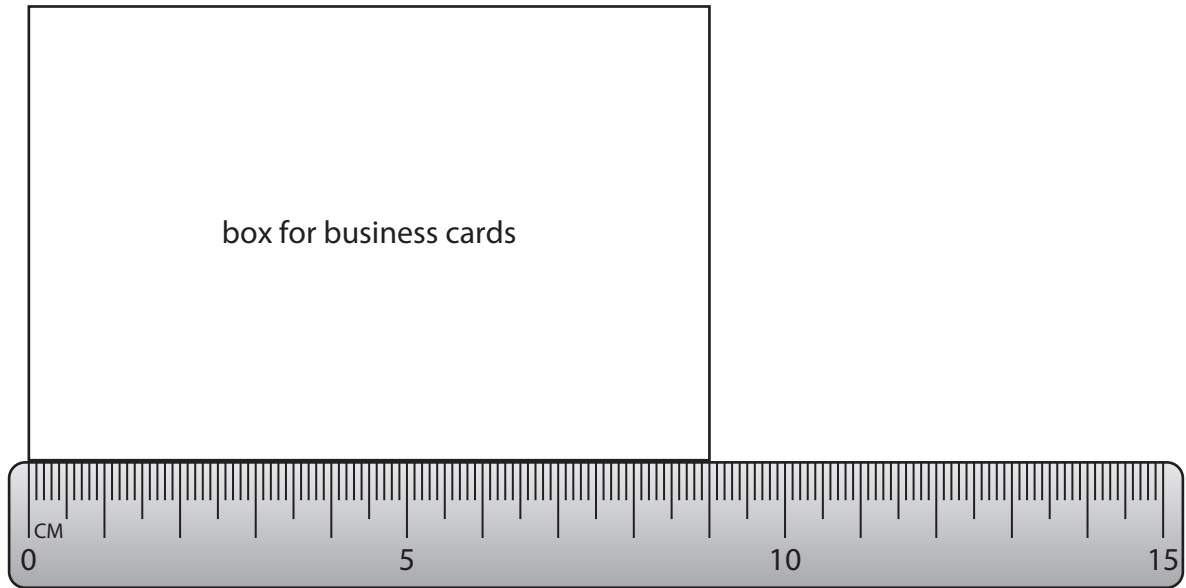
Is Bret correct?

Show why you think this.   **(3)**

Show your working and your answer here.

Tick (✔) the correct answer.

Yes ( )   No ( )

8 Bret sells business cards in a box.

box for business cards

The length of the business cards needs to be 20 mm less than the length of the box.

Bret says the business cards will be 6 cm in length.

Is Bret correct?

Show why you think this.   **(3)**
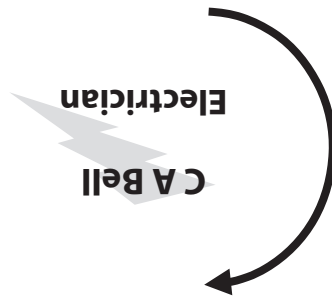
Show your working and your answer here.

Tick (✔) the correct answer.

Yes ( )   No ( )

9 Bret needs to put a logo on a business card.

He prints the logo the wrong way up by mistake.

Bret needs to turn the logo the correct way up.

What fraction does Bret need to turn the logo? **(1)**

☐

Show your answer here.

10   Bret designs a page in a newspaper.

The page has a length of 36 cm.

An advert will take $\frac{1}{3}$ of the length of the page.

Bret says the advert needs to be 10 cm in length.

Is Bret correct?

Show why you think this.   **(1)**
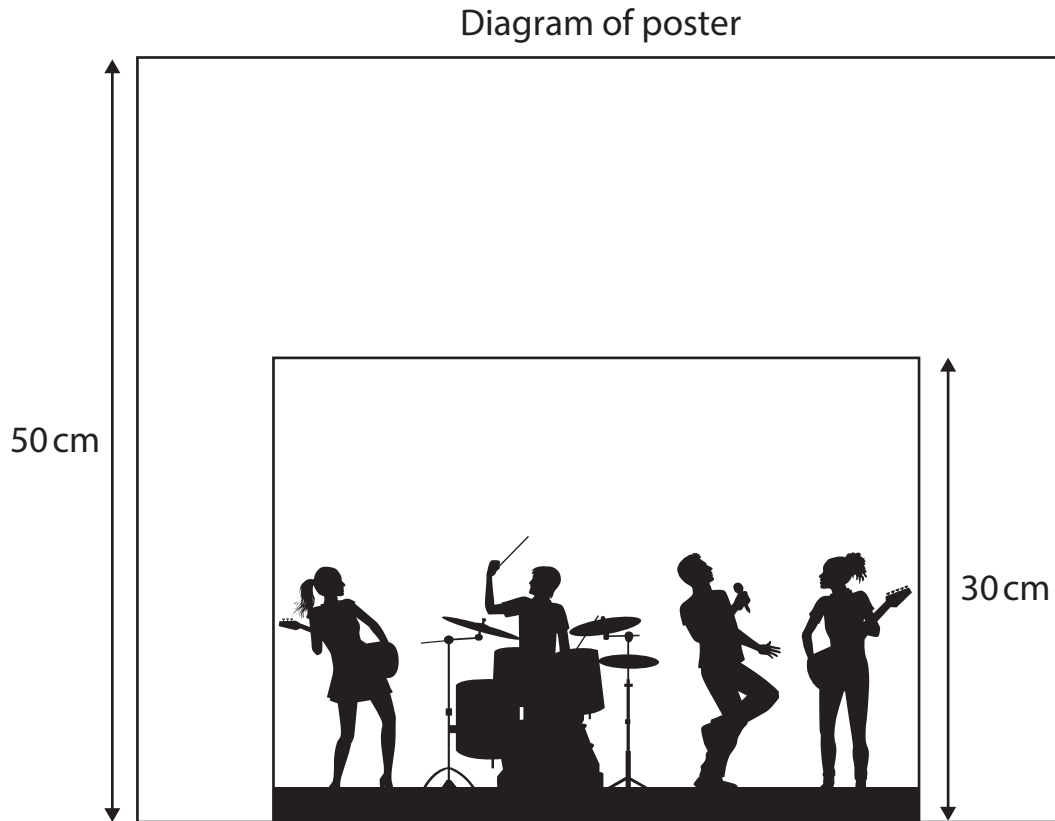
Show your working and your answer here.

Tick (✔) the correct answer.

Yes ( )   No ( )

11 Bret designs a poster about a concert.

He puts a picture on the poster.

Diagram not drawn to scale

Diagram of poster

50 cm

30 cm

How far is the top of the picture from the top of the poster? (1)

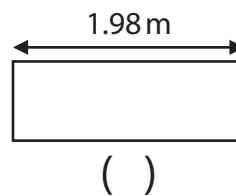Show your answer here.

_____ cm

12 Bret makes a sign for a van.
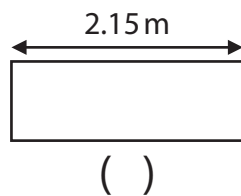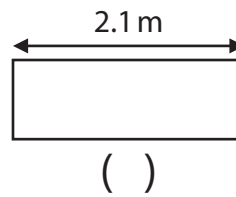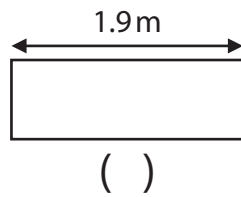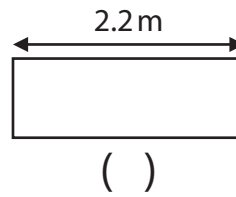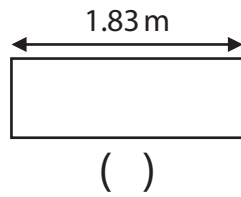
The space for the sign is 2.05 m in length.

Bret makes signs of different lengths.

Which is the longest sign that fits in the space?
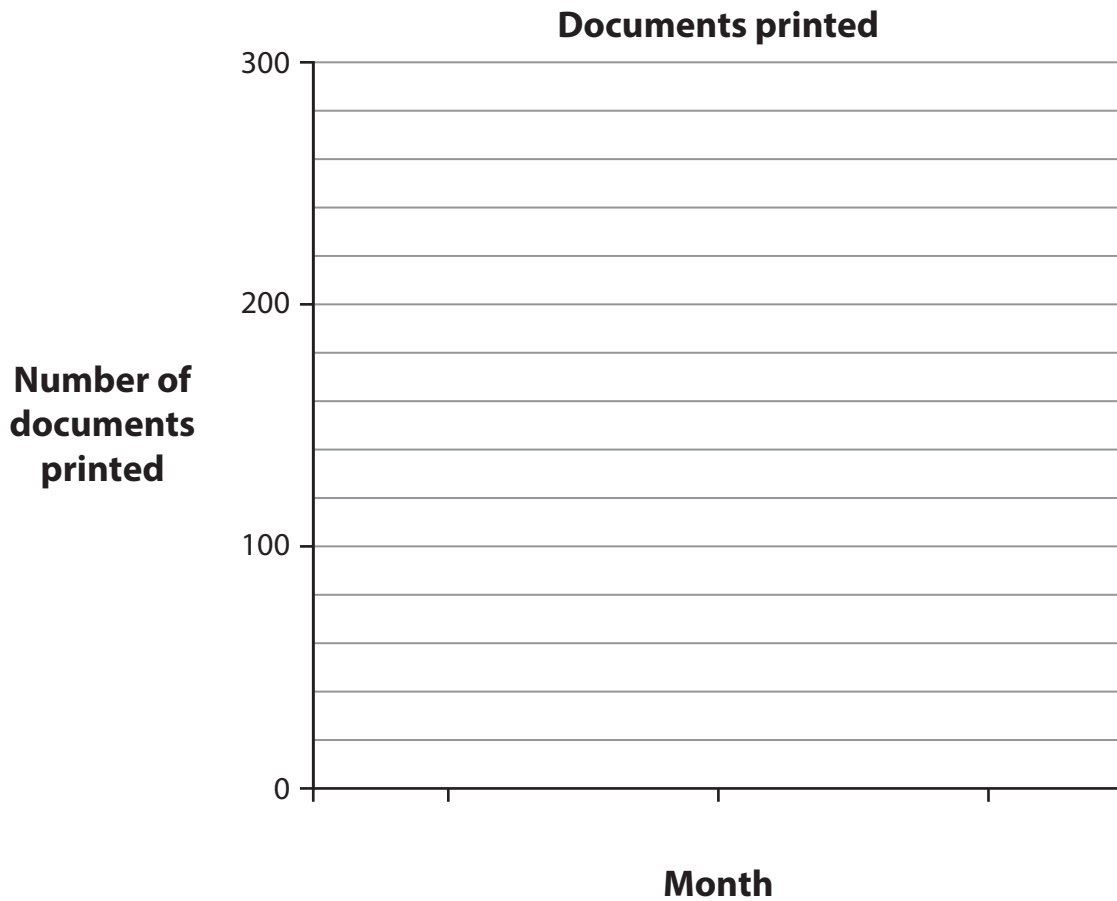
(1)

Tick (✔) the correct answer.

1.83 m

( )

2.2 m

( )

1.9 m

( )

2.1 m

( )

2.15 m

( )

1.98 m

( )

13 Bret has information on the number of documents printed.

Documents printed	
Jul	240
Aug	180
Sep	200

Bret needs a line graph to show the information.

Complete the line graph and use correct labels. **(1)**

Documents printed

Number of documents printed

Month

14 Bret makes a delivery to a customer in the afternoon.

He looks at the time on a clock.
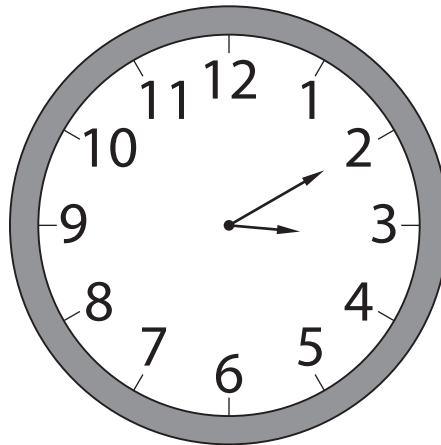
What time does Bret make the delivery?

Use the correct time format.

(2)

Show your answer here.

15   Bret sends parcels to customers.

He has a list of the heights and weights of the parcels.

Height and weight of parcels	
27 cm	11 kg
21 cm	17 kg
24 cm	7 kg
30 cm	15 kg
25 cm	12 kg
22 cm	16 kg
14 cm	6 kg

It costs £5 to send a parcel of height less than 25 cm and weight less than 15 kg.

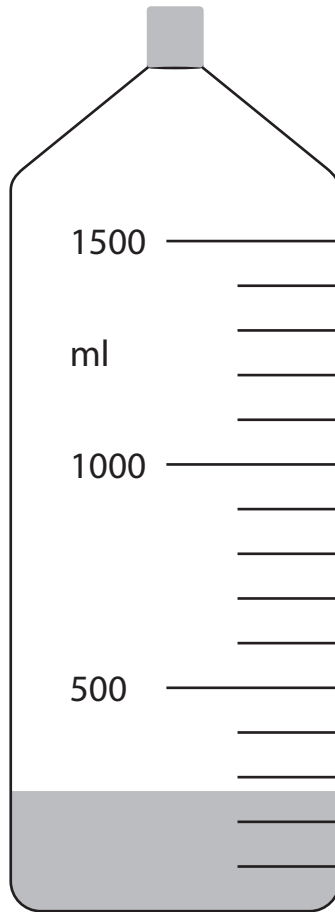**Which is the heaviest parcel that Bret can send for £5?**   (1)

Show your answer here.

16   Bret takes a water bottle to work.

He has 1 litre of water in the bottle at the start of the day.

The diagram shows the water left over at the end of the day.

How much water did Bret use to the nearest division?   (2)

Show your working and your answer here.

_____ml

17 The chart shows the weekly wages of people in different jobs.

Wages of people in different jobs

Bret is paid a wage of £330 each week.

How much more is Bret paid each week than a person with the least wage?

(1)

Show your answer here.

£ _____