ENTRY LEVEL 3
FUNCTIONAL SKILLS
MATHS – PART A

QUESTION PAPER

SAMPLE ASSESSMENT MATERIAL

Learner name:	*Auto-filled by XAMS*
Learner number:	*Auto-filled by XAMS*
Your Signature:	
Today's date:	*Auto-filled by XAMS*

Total marks available: **9** marks

Time limit: **30 minutes**

You need:

This **question** and **answer paper**

A **pen** with black or blue ink

A **pencil** and an **eraser**

You cannot use:

The **Internet**

A **calculator**

Instructions

1. Check your name is correct on Page 1
    Write your **signature** if it is

2. **Read** each text and question carefully

3. **Write** your answers in the spaces provided

    Answer:

4. Answer **all** the questions
    Remember to show your **workings**

5. **Check** your work at the end

6. Ask your teacher for more **paper** if you need it.
    Write your name on any extra pieces of paper.

7   Your teacher will **collect** your paper at the end of the assessment

RFSME3SAM01

Question 1 **(1 mark)**

Work out 53 x 8.

Question 2 **(2 marks)**

Jadon is dancing in a show.

This is the timetable for the show.

Order of activities	Time taken
Group dances	25 minutes
Break	10 minutes
Solo dances	20 minutes
Award presentation	15 minutes

The show starts at **7.00pm.**

Jadon's dance will be the first **solo** dance.

What time will his dance start?

Show your calculations below.

Question 3 **(2 marks)**

The list shows the money made **this year** from ticket sales, programme sales and refreshments.

Ticket sales	£425.50
Programme Sales	£127.50
Refreshments	£178.00

How much money has been made **in total from these sales** this year?

Show your workings

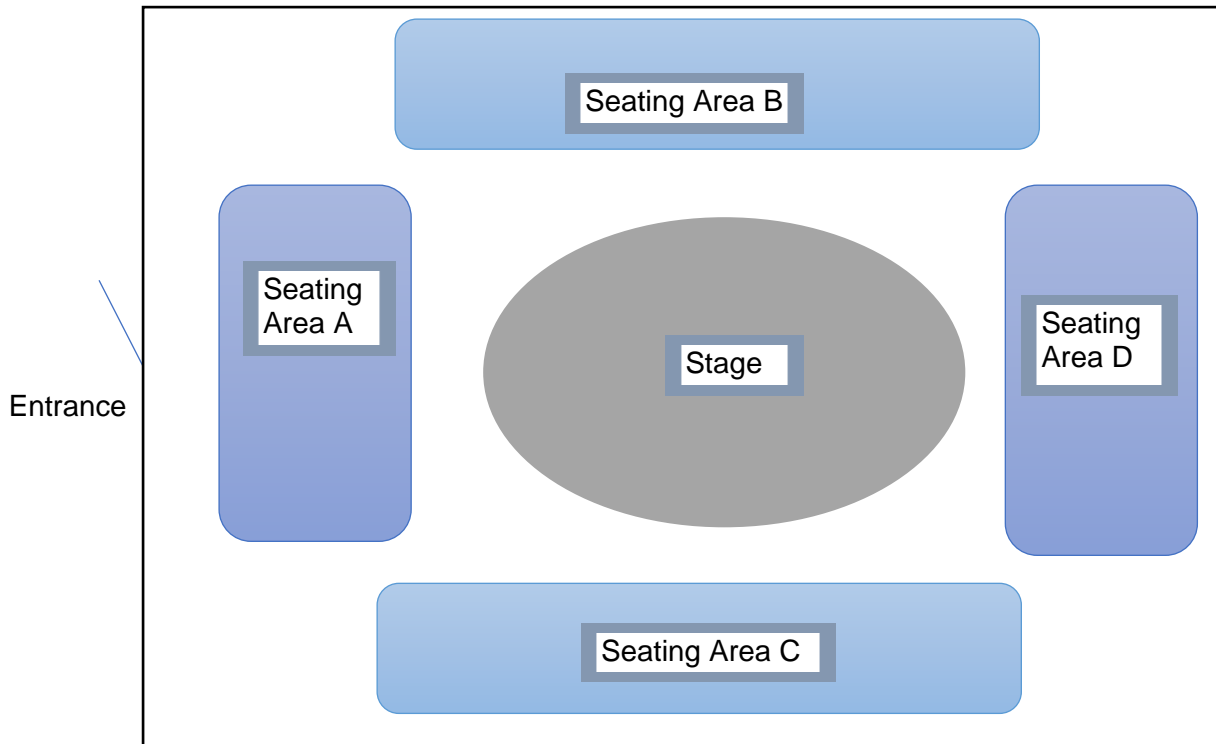**Question 4** **(1 mark)**

What is 178 - 149?

Show your workings.

Question 5 (3 marks)

This a plan of the stage and the seating for the show.

There are 586 seats in total in seating areas A, B, C and D.

There are 292 seats altogether in seating areas A and D.

There are 142 seats in seating area B.

How many seats are there in seating area C?

Show your workings.

ENTRY LEVEL 3
FUNCTIONAL SKILLS
MATHS – PART B

QUESTION PAPER

SAMPLE ASSESSMENT MATERIAL

Learner name:	*Auto-filled by XAMS*
Learner number:	*Auto-filled by XAMS*
Your Signature:	
Today's date:	*Auto-filled by XAMS*

Total marks available:	**27** marks

Time limit:	**1 hour 15 minutes**

You need:
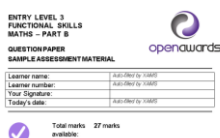
This **question** and **answer paper** ✓

A **pen** with black or blue ink ✓

A **pencil** and an **eraser** ✓

A **calculator** (non-scientific) ✓

You cannot use:

The **Internet**

Instructions

1. Check your name is correct on the front page.
   Write your **signature** if it is.

2. **Read** each text and question carefully

3. **Write** your answers in the spaces provided

   Answer: [   ]

4. Answer **all** the questions.
   Remember to show your **workings.**

5. **Check** your work at the end

6. Ask your teacher for more **paper** if you need it.
   Write your name on any extra pieces of paper.

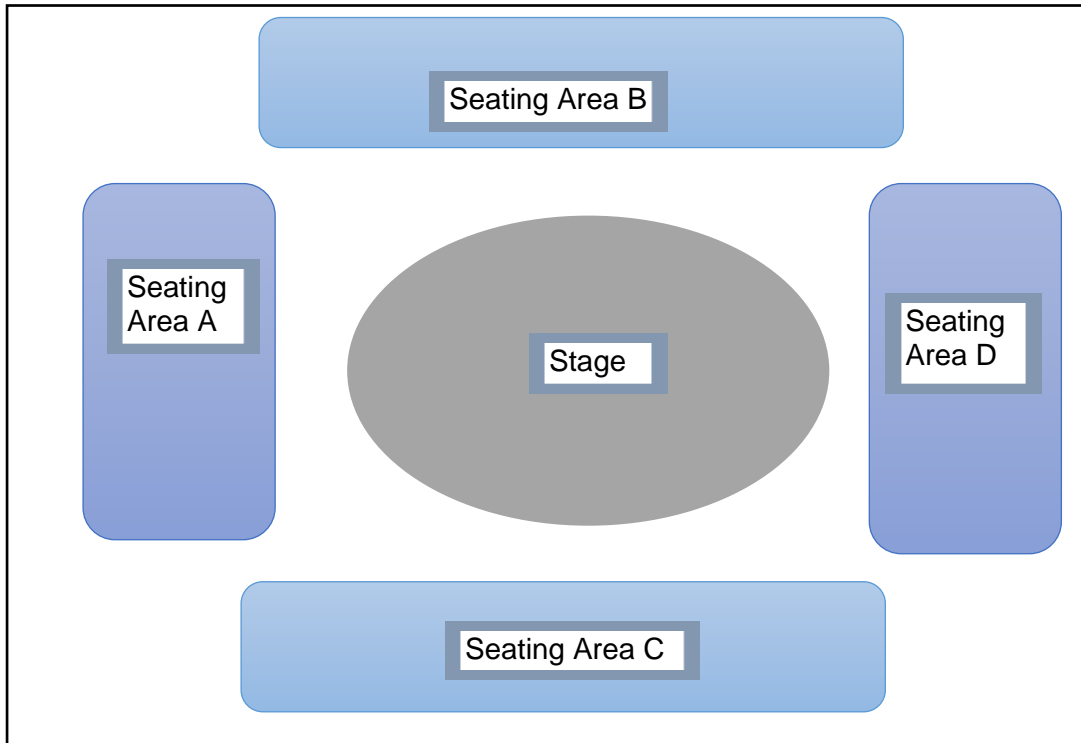7 Your teacher will **collect** your paper at the end of the assessment

Question 6 (1 mark)

Jadon is on stage facing Seating Area B. He does a **clockwise quarter turn**.

Use the **stage plan** to work out which **seating area** he is now facing.

Write your answer here:

Question 7 (1 mark)

Complete the sequence of numbers below.

9	18	27					72

Question 8 (2 marks)

The leisure centre has 5 swimming pools.

Pool	Length
1	7400mm
2	850cm
3	8m
4	750cm
5	8100mm

Hanif wants to swim in the longest pool.

What is the length of the longest pool?

Question 9 **(2 marks)**

Hanif hopes to raise £650 from sponsors.

He has raised £322.60 on line and £247.85 in cash.

How much more must he raise to reach £650?

Show your workings.

Question 10 (3 marks)

Hanif wants to buy some goggles.

He chooses a pair of goggles that cost **£8.80**

He sees a special offer on this pair of goggles.

Special Offer!

¼

off the price of swimming goggles

Hanif thinks the goggles will cost **£6.00**

Is Hanif correct? Explain your answer.

Show your workings

Question 11

Meg's dog weighs **22kg**

She needs to know how much to feed her dog.

She uses this weight chart below to help her:

Dog's weight (kg)	Number of tins of food per year
10 – 14	320
15 – 19	480
20 – 24	640
25 – 29	800

There are **12 tins in each pack**

   a) How many **packs** will Meg need to buy for a year? **(3 marks)**

Show your workings.

b) A month later, the vet weighs the dog. He has **gained 100 grams** in weight.

(2 marks)

Meg thinks he now weighs over **23kg**.

Is Meg correct? Explain your answer.

Show your workings.

The dog walks **1.25 km** every day.

How far does he walk in a **week**?

Question 13 (2 marks)

The dog's water bowl holds **400ml** when full.

He should drink **half a litre** of water each day.

Will he need more water in the bowl before the end of the day?

Give a reason for your answer.

Sam manages a charity shop.

She makes a table to show when staff work.

Shifts	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Morning	Gill Aisha	Bob Sam	Juan Gill	Bob Aisha	Sam Gill	Juan Sam
Afternoon	Sam Juan	Aisha Gill	Bob Sam	Gill Juan	Juan Sam	Sam Bob

Complete the frequency table to show the number of shifts worked by each staff member.

Write your answer below.

Staff member	Frequency
Gill	
Aisha	
Sam	
Juan	
Bob	

Question 15   **(1 mark)**

Aisha decides to keep a **running total** of all the hours she works at the shop.

Complete the table to show her running totals for **week 5**.

Week Number	Hours Worked	Running Total
1	9.5	9.5
2	9.5	19
3	9.5	28.5
4	9.5	38
5	9.5	

Question 16   **(2 marks)**

Complete the table to show the rounded amounts.

Day of the Week	Amount of money taken	Amount rounded to nearest pound
Monday	**£57.67**	**£58**
Tuesday	**£85.11**	
Wednesday	**£53.50**	
Thursday	**£84.19**	
Friday	**£108.94**	
Saturday	**£96.60**	

Question 17 (1 mark)

Sam records the amount of money received from sales on each day of the week **over 10 weeks**.

This table shows her results.

Day of week	Amount in sales over 10 weeks
Monday	£790
Tuesday	£690
Wednesday	£728
Thursday	£791
Friday	£787
Saturday	£780

Sam thinks more money is received on Mondays.

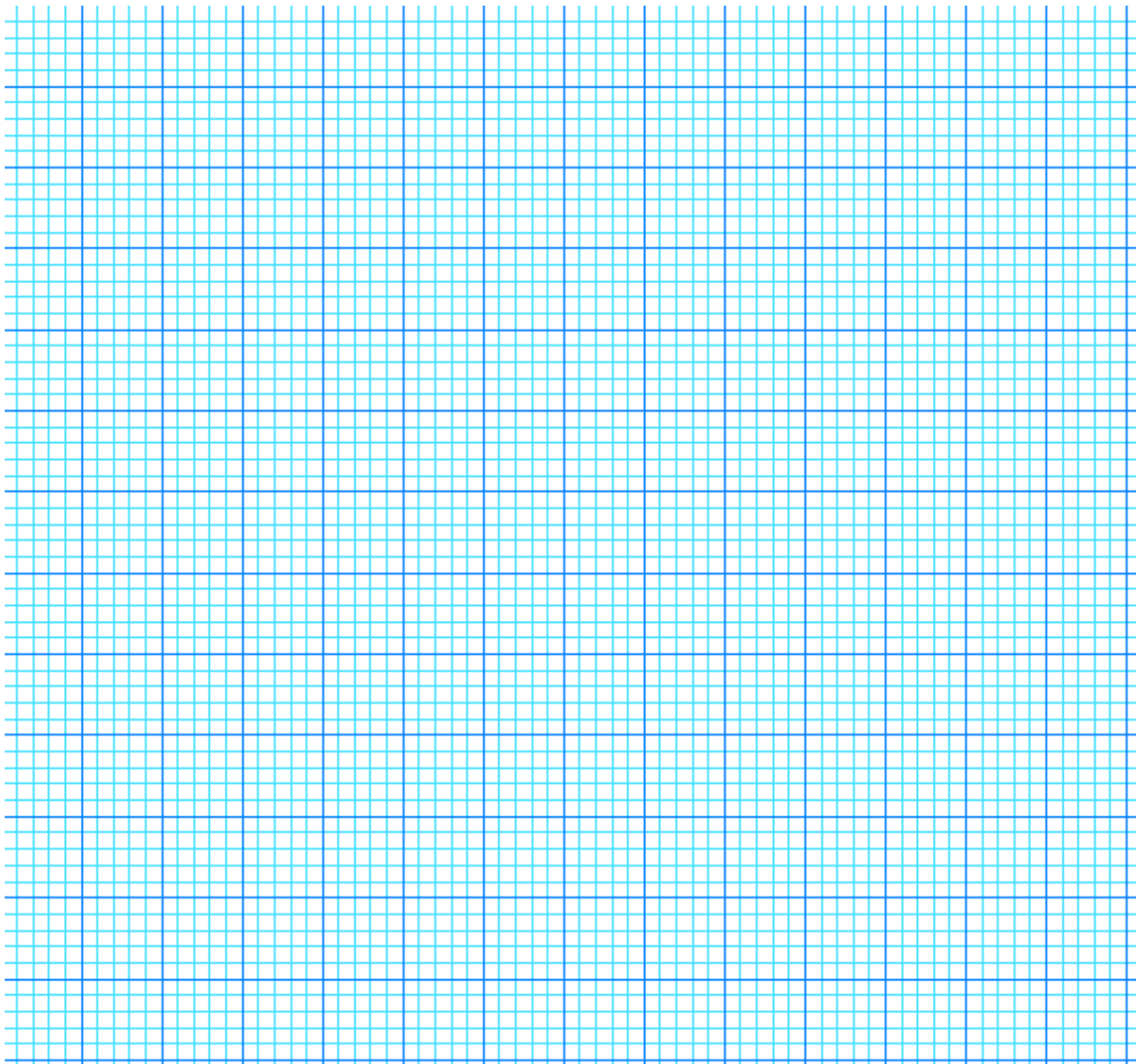Is Sam correct? Explain your answer.

Question 18 **(4 marks)**

Sam wants to show staff how sales of different items compare. She makes a list of the sales of these items from one day. This is her list:

- Books - £27
- Clothes - £43
- Games - £38

Create a **graph or chart** to show this information in numerical order.

End of assessment