

Functional Skills

Mathematics

Entry Level 3

Set 4

External Assessment



Time allowed: 1 hour 30 minutes

Learner Name											
Date Of Birth											
Unique Learner Number (ULN)											
Centre Name											
Today's Date											

Do not open the paper until you are told to do so.

Please read the following carefully before you begin this assessment:

- All of the details in the box above **MUST** be completed
- Check that your paper is the correct level and the correct subject
- All papers **MUST** be handed in at the end of the assessment
- You **MUST NOT** take assessment papers outside the assessment room
- You will need a blue or black pen, pencil, rubber and ruler
- You may use a calculator
- You should try to answer all questions on this assessment paper
- Allow time to check your answers before the assessment ends
- Work through the paper steadily dividing your time between questions

Paper Information:

- There are **12** questions to answer
- Maximum marks available are **30**
- You have a total of **1 hour 30 minutes** to complete all questions on the assessment paper

For Marker's Use	
Questions	Mark
1-4 (11)	
5-8 (11)	
9-12 (8)	
Total (30)	

Task 1

This table shows the **amount of fibre** in **one serving** of specific foods.

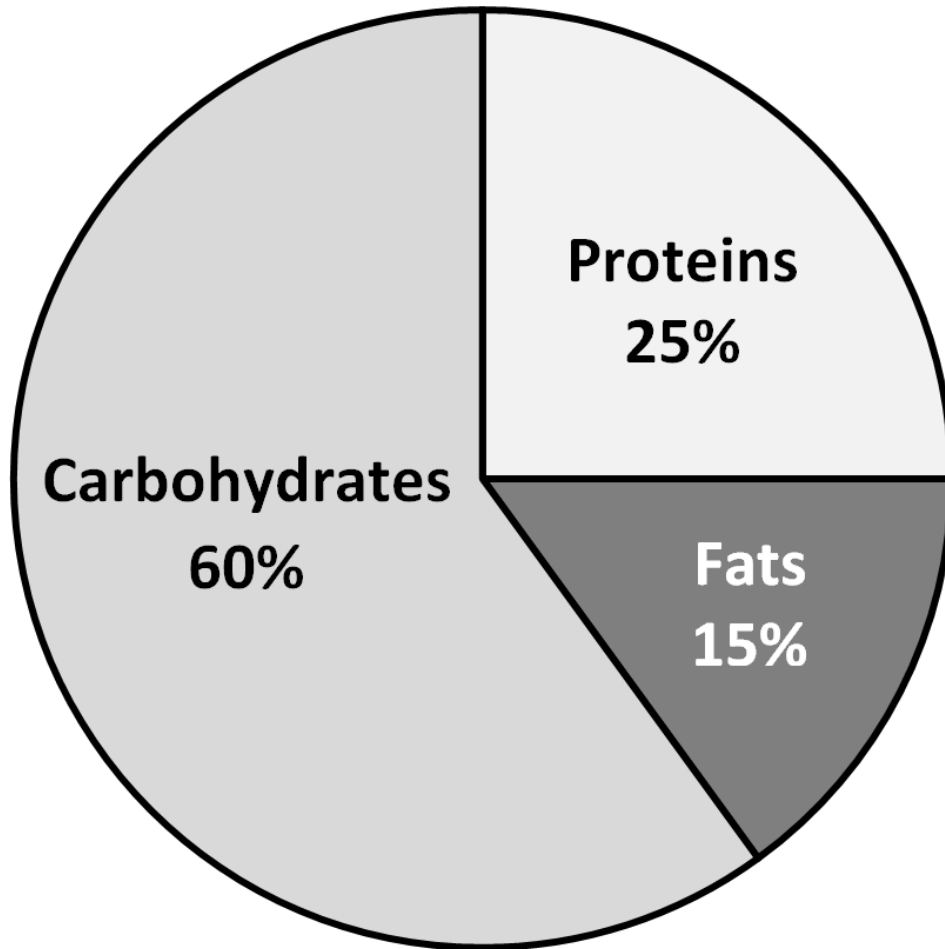
Food	Fibre (grams)
Wheatmeal bread	1.6
White bread	0.6
Brown rice	2.4
White rice	0.1
Spaghetti	0.8
Potato	3.8
Corn	2
Lettuce	0.3
Banana	2
Apple	2.6

Question 1

(3 marks)

How much fibre is there in **brown rice**, **spaghetti** and **corn** in total?

This chart shows what we should eat in a **healthy diet**.

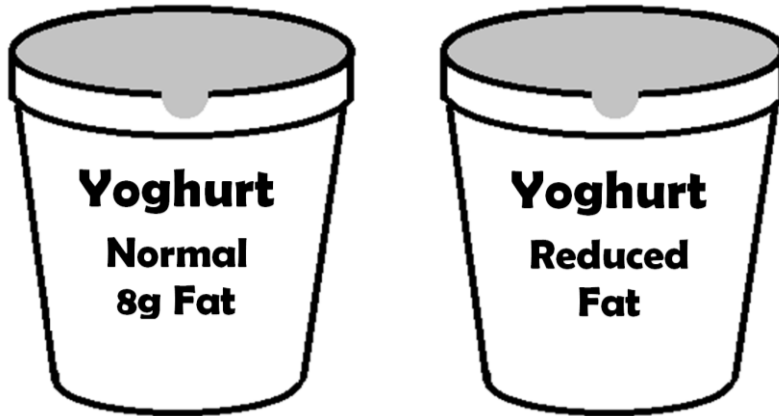


Question 2

(1 mark)

According to the chart, what should make up **one quarter** of a healthy diet?

Foods that are marked '**reduced fat**' should have at least **one quarter less fat** than the **same food without the fat reduced**.



(4 marks)

Question 3

What is the **maximum amount of fat** in the yoghurt marked '**reduced fat**'?

A carton of the **normal yoghurt** cost **£1.25**.

A carton of the **reduced fat yoghurt** cost **90 pence**.

Question 4

(3 marks)

How much cheaper is the carton of **reduced fat yoghurt**?

Check your answer by a suitable method.

Task 2

A **large bowl of fruit drink** is needed for a party.

This recipe makes **enough** fruit drink for **10 people**.

Party Punch Fruit drink - Enough for 10 people

1 litre Apple juice
½ litre Pineapple juice
2 litres Lemonade

The large bowl can hold 8 litres of fruit drink.

Question 5

(4 marks)

Can the **large bowl** hold **enough** fruit drink for **20 people**?

Carrot cakes are made for the party.

Three carrot cakes are each **cut into 8 slices**. **20 slices** are required for the party.

Question 6

(3 marks)

Will **three cakes** be enough to make **20 slices**?

Square napkins are **folded** along **diagonal lines** for the party, joining the opposite corners.

Question 7

(1 mark)

What shape are the folded napkins?

40 napkins are needed for the party.

Each packet of napkins contains **10 napkins**.

Question 8

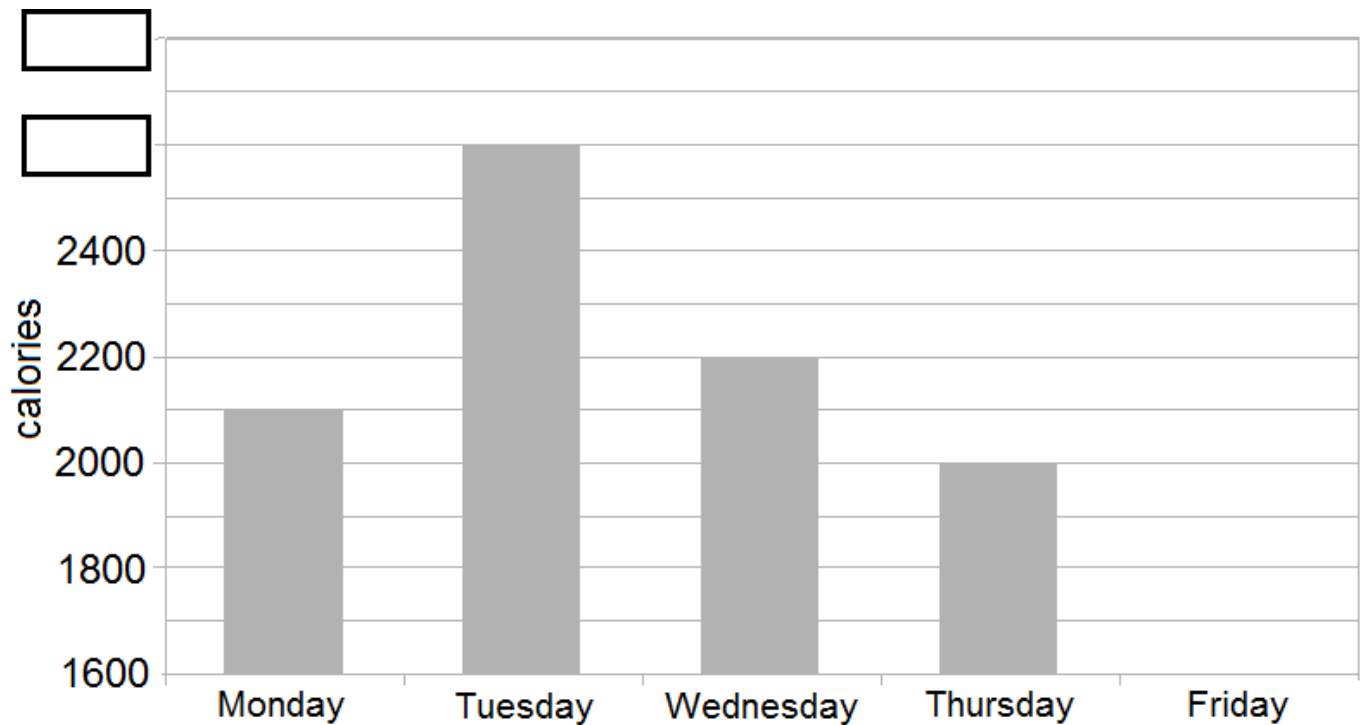
(3 marks)

How many packets of napkins are **needed** for the party?

Check your answer to this question using a suitable method.

Task 3

This chart shows the **amount of calories eaten** by a man during **one week**.



Question 9

(4 marks)

On **Friday** the man consumed **2700 calories**.

The chart needs **two missing values added** to the **y axis** and the **bar added** to represent the **calories eaten on Friday**.

Complete the chart.

Question 10

(1 mark)

On **Saturday**, the man eats **1862 calories**.

What is 1862 to the nearest 100?

The **man weighs himself** at the **start** and at the **end of a week**.

At the **start** of the week he **weighs 90 kilograms**.

At the **end** of the week he weighs **89.5 kilograms**.

Question 11

(2 marks)

How much weight has the man **lost in grams**?

The man also measures his **height**. His height is **180 centimetres**

Question 12

(1 mark)

What is **180 centimetres in metres**?

End of assessment

For Marker's Use Only	Please tick
I confirm that the work/evidence submitted is the learner's own work	<input type="checkbox"/>
I understand that learner results may be invalidated if evidence is submitted that does not belong to them	<input type="checkbox"/>

Role	Name	Signature	Date
Marker			
IV (if sampled)			
EV (if sampled)			