

## Functional Skills Maths | Level 1 Cost of Living (Scaffolded Questions)

1. In June Gemma paid £78 for her electricity bill.  
In July she will pay 5% more for her bill.

Work out how much Gemma will pay for her bill in July.

- a. Work out 5% of £78

- b. Add the 5% to the £78.

2. Gareth is changing his gas supplier to GES Energy.

He has this information:

**GES ENERGY**  
annual fee £239.65  
plus  
4.51 pence for each kWh used  
get 5% off the total charge if you pay by  
direct debit

Last year Gareth used 47 000 kWh of gas.

Gareth thinks he will use the same amount of gas this year.

Work out the total gas bill Gareth will pay using GES Energy.

a. Work out the cost of the gas used.

b. Work out the total cost of gas used and annual fee.

c. Work out the 5% discount.

d. Work out the total gas bill Gareth will pay.

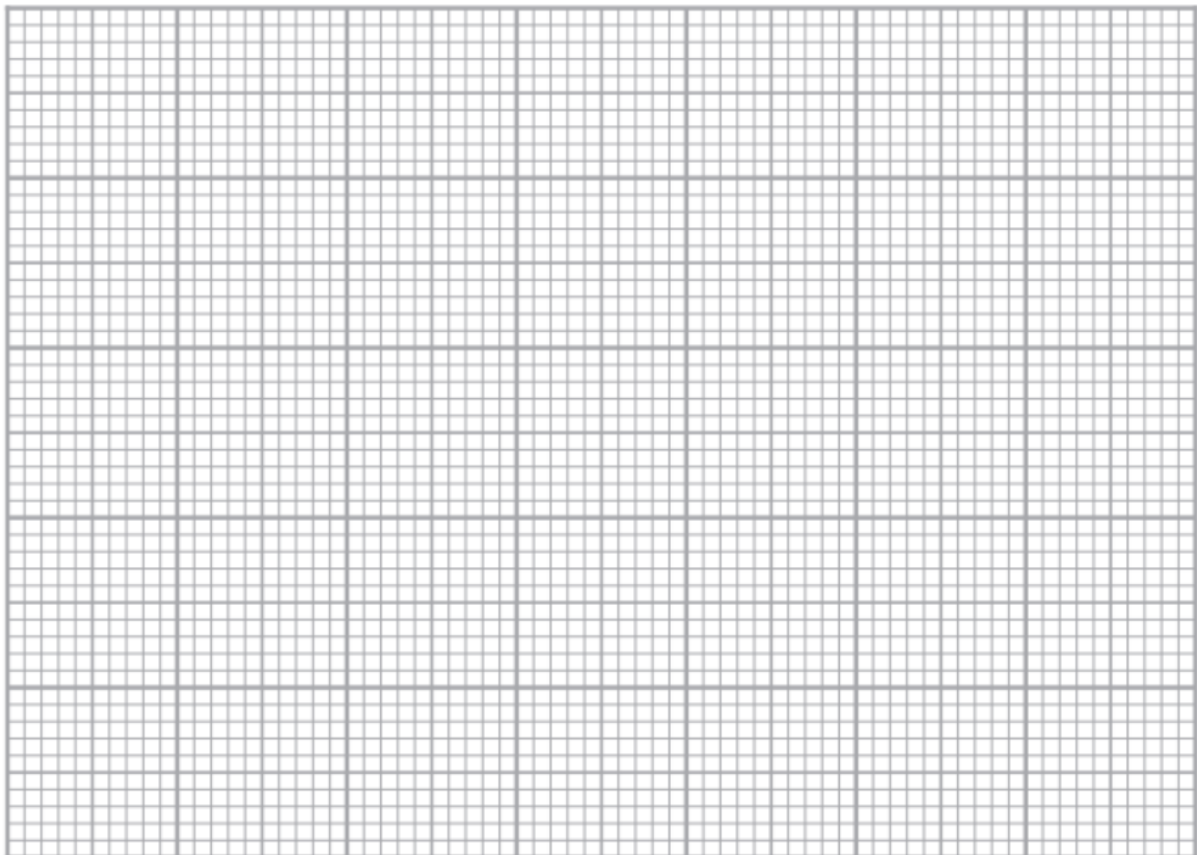
3. Graham is looking at food waste in his household.

The table shows the amount of money the household lost due to food waste for months.

	April	May	June	July	August
Amount of money (£)	23	15.75	18.50	22.50	27

Graham wants to draw a graph to show the amount of money lost due to food waste.

Draw a suitable graph for Graham.



4. Graham is looking at food waste in his household.

The table shows the amount of money the household lost due to food waste for months.

	April	May	June	July	August
Amount of money (£)	23	15.75	18.50	22.50	27

Graham wants to work out the average amount of money lost due to food waste.

Work out the average amount of money lost.

- a. Add all the monthly totals.

- b. Divide by the total number of months.

5. Melinda goes to a cafe 5 days a week for a cup of tea.

The table shows the price of a cup of tea in her 5 local cafes.

Cafe	A	B	C	D	E
Price	£1.85	£1.56	£1.75	£1.49	£1.70

Melinda usually goes to cafe A.

How much money would she save if she went to the cheapest cafe for a week instead?

- a. Which is the cheapest cafe?

- b. What is the difference in price between cafe A and the cheapest cafe?

- c. What is the total amount Melinda will save over 5 days?

6. Aquil works Monday to Friday.

He buys his lunch on his way to work.

Each day Aquil buys a sandwich, a bottle of water and a bag of crisps.

Shop A	
any sandwich	£2.95
a bottle of water	65p
a bag of crisps	75p

Shop B	
£3.50 meal deal	
any sandwich	
a bottle of water	
a bag of crisps	

Aquil thinks he will save more than £7.00 a week if he buys his lunch each day from shop B instead of shop A.

Is Aquil correct?

You **MUST** show your working.

a. How much does Aquil's lunch cost in shop A?

b. What is the difference between the cost of Aquil's lunch in Shop A and Shop B?

c. How much does Aquil save over 5 days?

d. Is Aquil correct?