

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

1. In June Gemma paid £68 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.

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

He has this information:

GES ENERGY
annual fee £231.65
plus
4.71 pence for each kWh used
get 5% off the total charge if you pay by
direct debit

Last year Gareth used 42 000 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.

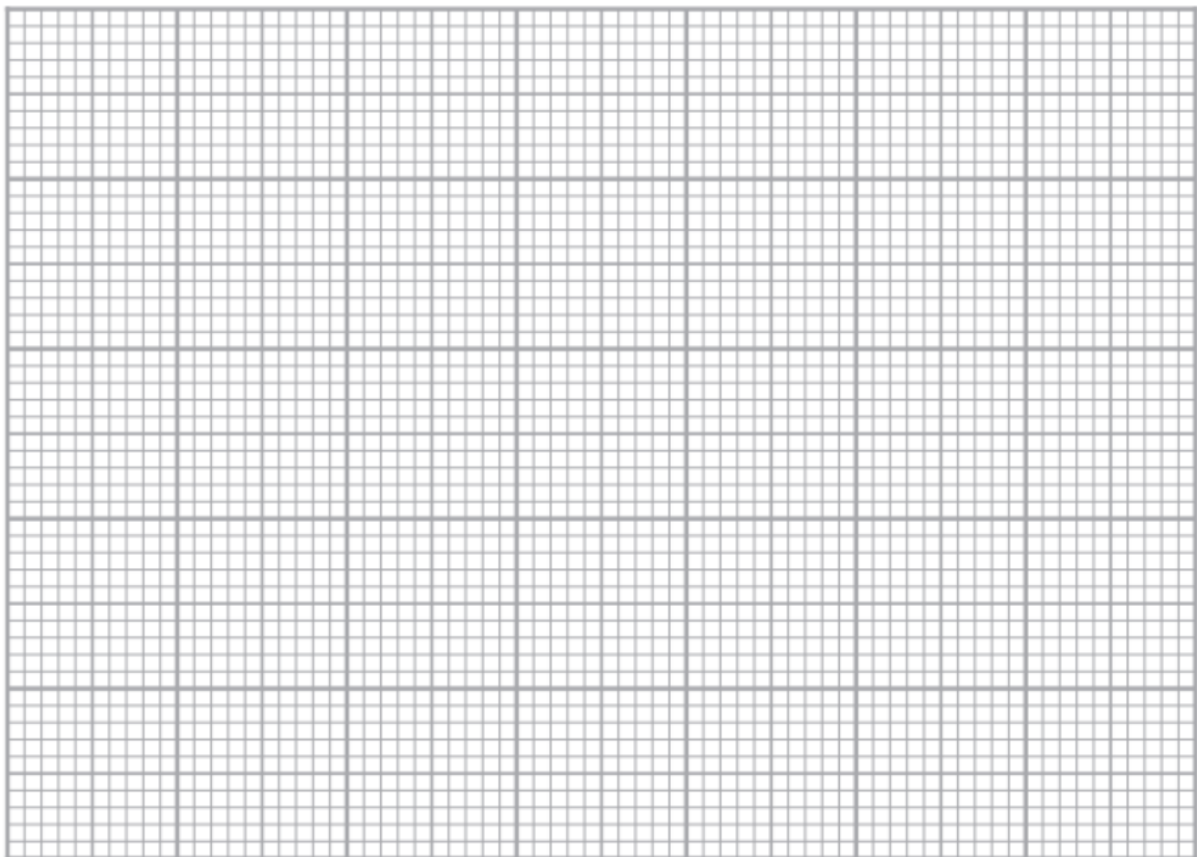
3. Graham is looking at food waste in his household.

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

	April	May	June	July	August
Amount of money (£)	20	27	28.75	22.50	31

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 (£)	20	27	28.75	22.50	31

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

Work out the average amount of money lost.

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	£1.80	£1.59	£1.65	£1.45	£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?

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	£2.85
a bottle of water	60p
a bag of crisps	85p

Shop B	
£3 meal deal	
any sandwich	
a bottle of water	
a bag of crisps	

Aquil thinks he will save more than £7.50 a week if he buys his lunch each day from shop B instead of shop A.

Is Aquil correct?

You **MUST** show your working.