

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

1. You have taken two electricity meter readings. One in April and one in May.

This is April's reading (kWh).

01592

This is May's reading (kWh).

01682

You know the price of electricity is 50p per kWh.

You know the monthly standing charge is £28.

Work out how much you will pay on May's electricity bill.

2. Sandra wishes to reduce her mobile phone bill.

Currently she pays £25 per month.

She sees this offer.

1 year contract
monthly cost £12
mobile phone cost £45

How much money will the new mobile phone save Sandra over the year?

3. Ian sees two brands of ketchup in his local supermarket.

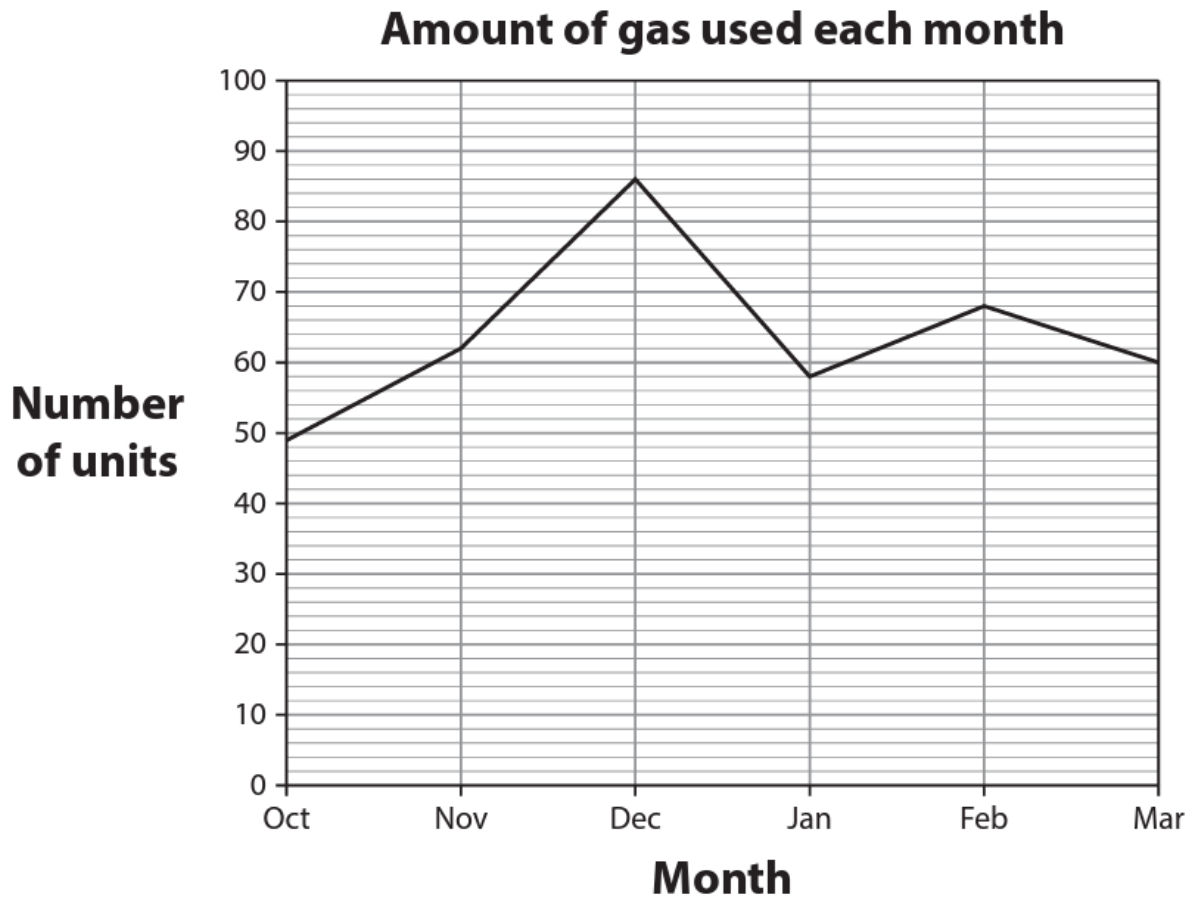
Brand A costs £2.75 and weighs 500 g.

Brand B costs £5.00 and weighs 1 kg.

Ian wants to buy the brand that offers the best value for money.

Which brand is this? Say why you think this.

4. Riya sees this gas bill.




Riya says the total amount of gas used in December and January was more than 140 units.

Is Riya correct? Show why you think this.

5. Douglas is having lunch with friends.

He sees the following offer.



Sandwich £2.50
Crisps 75p
Drink £1.25
Meal Deal
All three for £3.95

How much will Douglas save by having the meal deal?

6. Indira has been checking out prices to buy cleaning products.

She completed the following table.

	Supermarket A	Supermarket B
Toilet Cleaner	95p	£1.25
Washing Up Liquid	£1.35	85p
Washing Powder	£10.40	£9.90
Cleaning Spray	£1	£1
Fabric Softener	£2.25	£2.55

She wants to work out which supermarket would be the cheapest for her to use.

Which supermarket would be the cheapest for Indira to use? Say why you think this.

7. Indira has been checking out prices to buy cleaning products.

She completed the following table.

	Supermarket A	Supermarket B
Toilet Cleaner	95p	£1.25
Washing Up Liquid	£1.35	85p
Washing Powder	£10.40	£9.90
Cleaning Spray	£1	£1
Fabric Softener	£2.25	£2.55

She wants to work out how much she would save if she bought the cheapest version of all the products from either supermarket.

How much would she save in total?