

Exam questions

Question 1

Work out $\frac{1}{4}$ of 24.

Question 2

In June Gemma paid £68 for her electricity.

In July she will pay 5% more for her electricity.

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

Question 3

John works Monday to Friday.

He buys his lunch on his way to work.

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

Shop A		Shop B	
		£3 meal deal	
any sandwich	£2.85	any sandwich	
a bottle of water	60p	a bottle of water	
a bag of crisps	85p	a bag of crisps	

John 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 John correct?

You **must** show your working.

Question 4

A group of dancers raised some money for a charity.

Here is some information about the money raised.

money raised (£)	number of dancers
4.99 or less	15
5 to 9.99	23
10 to 14.99	12
15 to 19.99	7
20 to 24.99	3
total	60

One of the dancers is chosen at random to give the money raised to the charity.

What is the probability that this dancer raised less than £10?