Barry has been asked to compare the pay for four similar jobs advertised in a news paper.

Able Computer Sales	Beta IT Support
Sales Consultant	***Sales Assistant***
Pay: £23,000 per year	Full time: 30 hours per week Pay: £15 per hour
Compu Systems	Digital Hardware
Sales Agent	***Sales Adviser***
Pay per month will be £1800, plus commission of 1% of monthly sales. Average monthly sales are £22,000.	Salary of £20,000 per year + team bonus of 20% of salary.

Last year, Jora spent

30% of his salary on rent

$\frac{2}{5}$ of his salary on entertainment

$\frac{1}{4}$ of his salary on living expenses.

He saved the rest of his salary.

Jora spent £3600 on living expenses.

Work out how much money he saved.

Comp Parts and Z Parts both sell memory sticks.

Comp Parts	Z Parts
Memory sticks £4 each	Memory sticks
1 free stick for every 10 sticks bought	£35 for a box of 10 sticks

There are 150 students in Year 10 in a school.
A teacher needs to buy a memory stick for each student.

At which of the shops should he buy the memory sticks?
You must show all your working.

Sam is organising a trip to the theatre for 20 people.

Theatre tickets	Return train tickets
£45 per person	£12 per person
$\frac{1}{5}$ off for groups of 15 or more	Group ticket : £24 for 4 people

Sam has a total of £800
Sam will have to pay for 20 theatre tickets and 20 return train tickets.

Does Sam have enough money?
You must show all your working.

There are 450 passengers on an aeroplane.
30% of the passengers are women.

$\frac{5}{9}$ of the passengers are men.

The rest of the passengers are children.

Work out the number of children on the aeroplane.

Milly is making an apple crumble.
For the crumble topping, she uses sugar, butter and flour in the ratio 1 : 2 : 3

Milly uses 500 g of apples for every 300 g of crumble topping.

Milly has 1 kg of apples.
She uses all of the apples.

Work out how much sugar, butter and flour she will need for the crumble topping.