


Year 6 Revision

MULTI-STEP PROBLEMS

(Three Markers)

Q1.

One toffee apple needs:
1 stick,
100 g of sugar,
1 apple.



50 sticks
cost £6.25



1 kg of sugar
costs £0.99



100 apples
cost £22.50

Children buy just enough sticks, sugar and apples to make **100** toffee apples.

They sell all 100 toffee apples for **£1 each**.

The profit goes to charity.

Work out how much money goes to charity.

Show your method

£

3 marks

Q3.

There are 28 pupils in a class.

The teacher has 8 litres of orange juice.

She pours 225 millilitres of orange juice for every pupil.



How much orange juice is left over?

Show your method

3 marks

Q4.

Miss Mills is making jam to sell at the school fair.

Strawberries cost £7.50 per kg.

Sugar costs 79p per kg.

10 glass jars cost £6.90

She uses 12 kg of strawberries and 10 kg of sugar to make 20 jars full of jam.

Calculate the total cost to make 20 jars full of jam.

Show your method

£

3 marks

Q5.

The area of a rugby pitch is 6,108 square metres.

A football pitch measures 112 metres long and 82 metres wide.

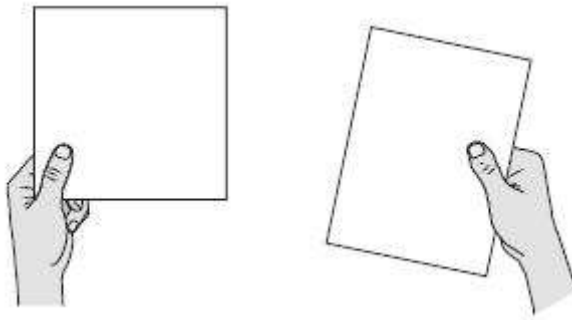
How much larger is the area of the football pitch than the area of the rugby pitch?

Show your method

square metres

3 marks

Q6.



A square tile measures 20 cm by 20 cm.

A rectangular tile is 3 cm **longer** and 2 cm **narrower** than the square tile.

What is the **difference in area** between the two tiles?

Show your method

A large grid for showing the method. The grid is 20 units wide and 20 units high. A small rectangular box is drawn in the bottom right corner of the grid, with the text "cm²" inside it.

cm²

3 marks