

Autumn 2017 Paper 3 Q12

1 2.5 kg of apples cost £3.60

Work out the cost of 3.5 kg of apples.

£.....

(Total for Question 1 is 2 marks)

Summer 2018 Paper 1 Q8

2 3 kg of meat costs £54

Nina buys 2 kg of the meat.

Work out how much Nina pays.

£.....

(Total for Question 2 is 2 marks)

- 3 There are 84 calories in 100 g of banana.
There are 87 calories in 100 g of yogurt.

Priti has 60 g of banana and 150 g of yogurt for breakfast.

Work out the total number of calories in this breakfast.

.....
(Total for Question 3 is 4 marks)

- 4 Jamil makes a drink by mixing
1 part of orange squash with 9 parts of water.

He uses 750 millilitres of orange squash.

Jamil is going to put the drink he has mixed into 1 litre bottles.

Work out the greatest number of 1 litre bottles that Jamil can completely fill.

.....
(Total for Question 4 is 3 marks)

5 It would take 120 minutes to fill a swimming pool using water from 5 taps.

(a) How many minutes will it take to fill the pool if only 3 of the taps are used?

..... minutes
(2)

(b) State one assumption you made in working out your answer to part (a).

.....
.....
(1)

(Total for Question 5 is 3 marks)

6 Water flows through each of the pipes that fill a lake at the same rate.
It takes 4 of the pipes 12 hours to fill the lake.

Work out how many hours it would take 6 pipes to fill $\frac{1}{4}$ of the lake.

..... hours

(Total for Question 6 is 3 marks)