

- 1 2.5 kg of apples cost £3.60

Work out the cost of 3.5 kg of apples.

£.....

(Total for Question is 2 marks)

- 2 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 is 3 marks)

- 3 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 is 3 marks)

- 4 Scott wants to make orange juice.
He is going to buy boxes of oranges.

There are 24 oranges in each box of oranges.
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30 oranges make 2 litres of orange juice.

Scott needs to buy enough oranges to make 8 litres of orange juice.

- (a) Work out the number of boxes of oranges that Scott needs to buy.
You must show all your working.

.....
(3)

Scott also buys
1260 apples
280 bananas

- (b) Write down the ratio of the number of apples that Scott buys to the number of bananas that he buys.
Give your ratio in its simplest form.

.....
(2)

(Total for Question is 5 marks)

5 Pens and pencils are sold in a shop.

12 pencils cost £1.80

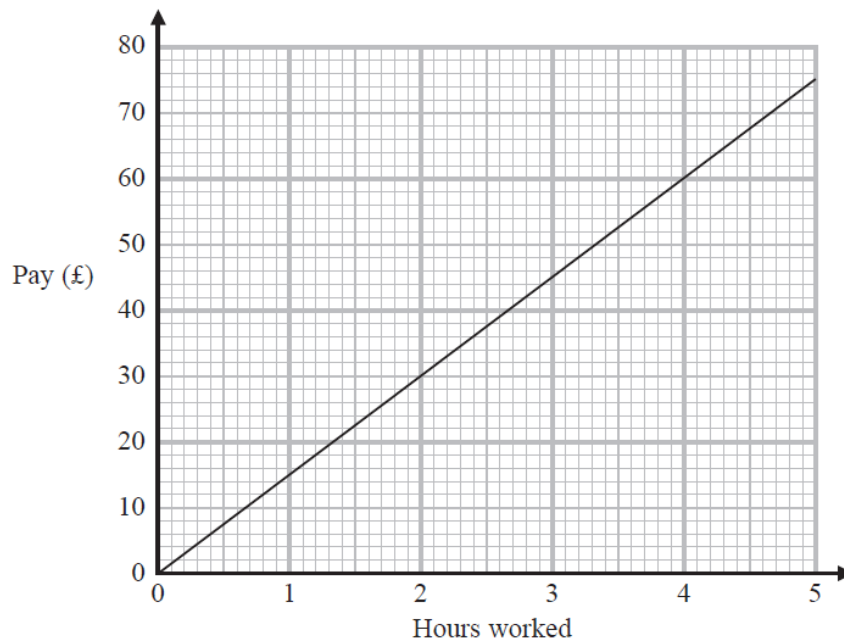
The ratio of the cost of a pen to the cost of a pencil is 7 : 3

Work out the cost of 5 pens.

£.....

(Total for Question is 4 marks)

- 6 Nazima uses this graph to find out how much money she is paid for the number of hours she has worked.



- (a) How much money is Nazima paid for each hour she works?

£.....
(1)

Last week Nazima worked for 36 hours.

- (b) How much money was Nazima paid?

£.....
(2)

(Total for Question is 3 marks)