

K Education Centre

GCSE Maths - Foundation

Time and Money Problems

Assignment Questions

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Time and Money Problems

Q1 : A teacher has been given £40 to spend on pens and pencils.

A packet of 10 pens cost £2.50 and a packet of 12 pencils cost £2.00 .

He buys 8 packets of pens and rest he spent on packets of pencils. How many packets of pencils can he buy?

Q 2: Thomas needs to buy a saw for £3.25, a bag of nails for £1.61 and a lock costing £4.29. He says a £10 note will be enough to buy all the three items. Is he correct? Explain your reasoning.

Q3: A packet of pizza flour costs £1.80, three cans of tomatoes cost 60 pence each. 4 bags of Mozzarella cheese cost £1.50 each and a packet of oregano cost £1.10. Alex pays with a £20 note. Workout how much change there will be.

Q4: If the original price of a shirt was £25 and it's now on sale for £18, what is the percentage decrease?

Q5 : Convert £120 to Euros using an exchange rate of 1 GBP = 1.20 EUR.

Q6: Sophie runs a music shop. She aims to sell ten boxes of guitar strings from Monday to Saturday every day. A box of string cost £8.50. If she reaches a target how much money will she have taken for strings in a 4 week period?

Q7: Ashley buys 8 kg bag of flour to make pizzas. Each pizza uses 300 g of flour. She sells the pizza in a restaurant for £7.50 each.

a) How many pizzas can she make?

b) How much money does she make selling them all?

Q8: A train leaves London at 09.15 and reach Brussels at 13.30. It then left for Amsterdam at 14.00 and arrived Amsterdam at 16.15. Both Amsterdam and Brussels are one hour ahead of London Timings.

a) How long was total journey ?

b) How long it took train to reach Brussels from London ?

Q10 : Below is Itinerary of flight from London to Los Angeles via New York :

London Heathrow \longrightarrow New York
17.40 8 hrs
10 mins

Connection time 3 hrs 10 mins
New York \longrightarrow Los Angeles
5 hr
15 mins

- a) If New York is 5 hrs 30 mins behind London timings. What time flight will arrive in New York (USA timings)
- b) What time flight arrives at Los Angeles (USA timings).

Q11: A bus leaves London at 07.30 and takes 3 hrs 40 mins to get to Leicester via Oxford. The bus then returns direct to London, taking 2 hrs 20 mins. At what time bus arrives back in London?