Exam Style Questions

Converting Currency

Corbettmaths

Equipment needed: Calculator, pen

Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

www.corbettmaths.com/contents

Video 214a

Answers and Video Solutions

1. Sophie went to Spain.
   She changed £225 into euros (€).

   The exchange rate was £1 = €1.14

   (a) Change £225 into euros (€).

   €..........................

   (2)

   On her return to England, Sophie changed €66 into pounds (£)

   The new exchange rate was £1 = €1.20

   (b) Change €66 into pounds (£).

   £..........................

   (2)

2. Filippa changes £300 into Mexican peso.

   The exchange rate is £1 = 25 Mexican peso.

   How many peso does she receive?

   ………………Mexican Peso

   (2)

3. James is going on holiday in New York.
    James changes £400 into dollars ($).

    The exchange rate is £1 = $1.50

    (a) Work out how many dollars ($) James will receive.

    $........................
    (2)

    James notices a watch costs $77.50.
    In Manchester, the same watch costs £50.

    (b)   Work out the difference in cost.
          Give your answer in dollars ($).

    $........................
    (2)

4. Vicky buys an ice cream for €2.16 in Berlin.
    The exchange rate is £1 = €1.60.

    Find the cost of the ice cream in pounds.

    £........................
    (2)

5.   George is going on holiday to Poland

George changes £120 into Zloty.
The exchange rate is £1 = 5 Zloty

(a) Work out how many Zloty George gets for £120.

...................Zloty

(2)

George wants to buy a football jersey.
The jersey costs 135 Zloty.

(b) Work out the cost of the jersey in pounds

£........................

(2)

6.   Yassin and Gareth are going on holiday to France.

Yassin changed £700 into euro at the post office.
The exchange rate was £1 = 1.11 euro.

Gareth changed £540 into euro at the airport.
The exchange rate was £1 = 1.08 euro.

How much more money did Yassin receive?
Give your answer in euros.

€........................

(2)

7. Kevin is going on holiday to Japan.
    He wants to change some money into yen.

    The bank only stocks ¥1000 notes.
    James wants to change up to £300 into yen.
    He wants as many ¥1000 notes as possible.

    The exchange rate is £1 = ¥168

    How many ¥1000 notes should he get?

    ....

    (3)

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8. A coat in London costs £60.
    The same coat in Dublin costs €74.88
    The exchange rate is £1 = €1.17

    In which city is the coat cheaper and by how much?

    ....

    (3)

9. James has received two job offers.

A job in Milan which pays €55,000 a year.
A job in Boston which pays $64,000 a year.

The exchange rates were £1 = $1.42   and   £1 = €1.25

Which job offer has the highest salary?
Show working to explain your answer.

……………………………………

(4)

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10. Caleb and Aidan return from a holiday in the USA.

At the post office Caleb exchanges $640 and receives £500
Aidan exchanges $120 into pounds.

The post office uses the same exchange rate for both Caleb and Aidan.

Work out how much money Aidan should receive.

£……………………

(3)

11. A family of two adults and three children book a holiday to Australia.

The total price for their flights is £6400

The hotel room for the family costs $334.85 per night for 14 nights.

They expect to spend a total of $573.50 per person on food while on holiday.

The exchange rate is £1 = 1.85 Australian dollars.

Work out how much the family should expect to pay in total for flights, the hotel and food.
Give your answer in pounds.

£........................

(6)

12. Michael bought a 200g bar of chocolate in Bristol for £2.40

He bought a 450g bar of the same chocolate in Lisbon for €6.42

The exchange rate was £1 = €1.20

Was the chocolate better value in Bristol or Lisbon?
You must show your working.

....

(5)

13. In the USA, a 50 mile train journey cost $49
In the UK, a 30 mile train journey cost £21.60
In Germany, a 40km train journey cost €23.75

At the time £1 = $1.40   and   £1 = €1.25

1 mile = 1.6 kilometres

Which train journey is the best value for money?
You must show your working.

....

(6)

14. In Chicago, Arthur paid $61.17 for 15 US gallons of petrol

£1 = $1.30
1 US gallon = 3.785 litres

Work out the cost of 1 litre of petrol in pence.
Give your answer to the nearest penny.

.... p

(4)

15. Helen went on holiday to Canada and returns with $300.60

The bank offers an exchange rate of £1 = 1.67 Canadian Dollar and charges a commission.

Helen changes $300.60 into pounds and after the bank deducts their commission, they give Helen £173.70

Work out the percentage commission.

……………………%

(4)