

Name: _____

Exam Style Questions



Converting Currency

Corbettmαths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

www.corbettmaths.com/contents

Video 214a



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



The exchange rate was £1 = €1.62

$$225 \times 1.62 = 364.5 \text{ €}$$

- (a) Change £225 into euros (€).

€.....
(2)

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

The new exchange rate was £1 = €1.50

$$\frac{66}{1.50} = £44$$

- (b) Change €66 into pounds (£).

Exchange Rate

n : 1

or 1 : n

If we have the currency

£.....
(2)

that is the '1' we

multiply by the 'n' to find the other currency

If we have the currency that is the 'n'

then we divide by 'n' to find the

other currency.

2. 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.

$$400 \times 1.50$$

$$\begin{array}{r} \$ 600 \\ \hline \end{array} \quad (2)$$

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 (\$).

$$£50 \times 1.5 = \$75$$

so \$2.50 cheaper in New York

$$\begin{array}{r} \$ 7.50 \\ \hline \end{array} \quad (2)$$

3. 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.

$$\frac{2.16}{1.60} = \text{£}1.35$$

£.....
1.35
(2)

4. 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?

$$300 \times 168$$

$$= \text{¥}50400$$

He will get

50 ¥1000 notes

.....
(3)

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.

$$120 \times 5 = 600 \text{ Zloty}$$

.....Zloty
(2)

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

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

$$\frac{135}{5} = \pounds 27$$

£.....
(2)

6. 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.

$$\frac{€ 55000}{1.25} = £ 44,000$$

$$\frac{\$ 64000}{1.42} = £ 45,070 \quad \checkmark \text{ highest}$$

7. A coat in London costs £60.
The same coat in Dublin costs €105.60.
The exchange rate is £1 = €1.65.



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

$$£60 \times 1.65 = €99$$

London € 99

Dublin € 105.60

London cheaper by €6.60

$$\frac{€105.60}{1.65} = £64$$

London £60

Dublin £64

London cheaper by £4