

Exchange Rates

For AQA GCSE Mathematics (8300) • Foundation tier

Name _____

Total marks: **23**

Answer **all** questions in the spaces provided. Show your working: marks are given for correct method. You may use a calculator.

- 1** A train ticket in Poland costs 96 zloty.
Use $\text{£}1 = 4.8$ zloty
Work out the cost of the ticket in pounds.

[2 marks]

Answer £ _____

- 2** Use $\text{£}1 = \$1.25$
How many dollars is $\text{£}80$?
Circle your answer.

[1 mark]

\$64

\$81.25

\$100

\$125

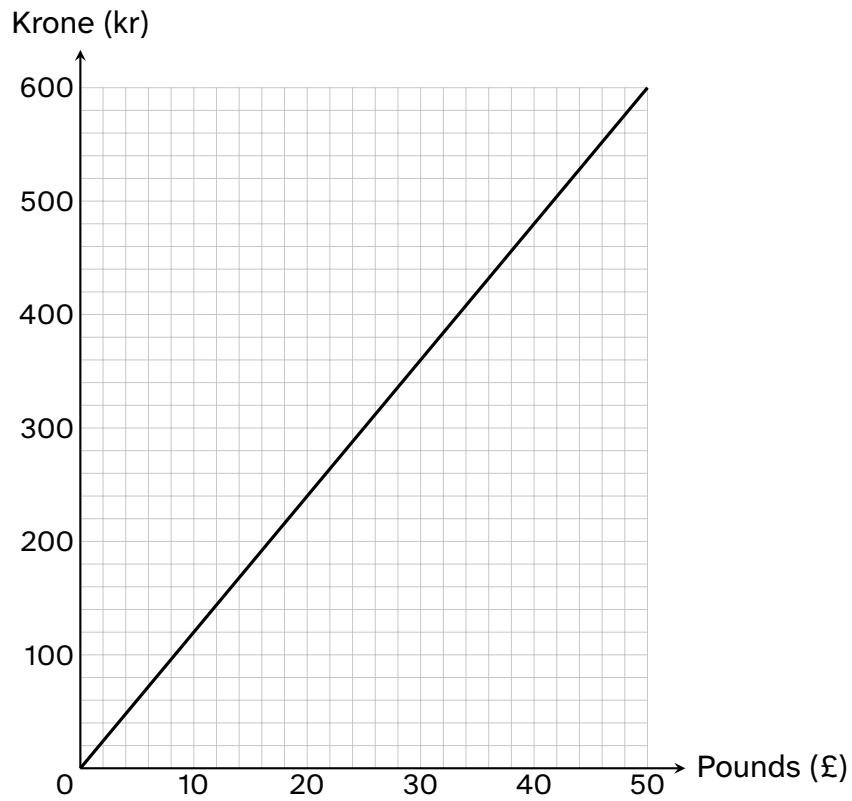
- 3** The exchange rate is $\text{£}1 = 1.15$ euros.
Ali says,
‘To change pounds into euros, you divide by 1.15’
Is Ali correct? Tick a box.
Give a reason for your answer.

[1 mark]

☐ Yes

☐ No

- 4 The graph can be used to convert between pounds (£) and Norwegian krone (kr).



- (a) Use the graph to convert 360 krone into pounds.

[1 mark]

Answer £ _____

- (b) Convert £500 into krone.

[2 marks]

Answer _____ krone

- 5 Imogen wants to buy a guitar.
A UK shop sells the guitar for £420
A US website sells the same guitar for \$480 plus \$65 for delivery.
The exchange rate is £1 = \$1.27

Where should Imogen buy the guitar to pay less?
You must show your working.

[3 marks]

Answer _____

- 6 Jo wants to change £300 into euros.
Two bureaux have these offers.

Bureau A £1 = 1.18 euros 3% fee
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Bureau B £1 = 1.14 euros No fee
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At Bureau A, the fee is 3% of the pounds. It is taken first, then the rest of the money is changed into euros.

Which bureau gives Jo more euros?
You must show your working.

[3 marks]

Answer _____

- 7** Aled is going to Japan.
He needs at least 38 000 yen.
The bureau only sells yen in 10 000-yen notes.
He buys the smallest number of notes that gives him enough yen.
The exchange rate is £1 = 190 yen.

Work out how much Aled pays in pounds.

[3 marks]

Answer £ _____

- 8** Deepak changed some pounds into euros.
The exchange rate was £1 = 1.16 euros.
On holiday he spent 410 euros.
He had 54 euros left.

(a) How many pounds did Deepak change into euros?

[3 marks]

Answer £ _____

- (b) When he gets home, Deepak changes the 54 euros back into pounds.
The exchange rate is now £1 = 1.20 euros.
How many pounds does he get?

[1 mark]

Answer £ _____

- 9 Four friends go out for a meal in Spain.
Each meal costs 18.50 euros.
They also pay 12 euros for drinks in total.
They share the total cost equally.
Use $\text{£}1 = 1.16$ euros

Work out how much each person pays, in pounds.

[3 marks]

Answer £ _____