

Currency Conversions

Question Paper 1

Level	IGCSE
Subject	Maths (0580)
Exam Board	Cambridge International Examinations (CIE)
Paper Type	Extended
Topic	Number
Sub-Topic	Currency Conversions
Booklet	Question Paper 1

Time Allowed: 59 minutes

Score: /49

Percentage: /100

Grade Boundaries:

A*	A	B	C	D	E	U
>85%	75%	60%	45%	35%	25%	<25%

1 Omar changes 2000 Saudi Arabian riyals (SAR) into euros (€) when the exchange rate is €1 = 5.087 SAR.

Work out how much Omar receives, giving your answer correct to the nearest euro.

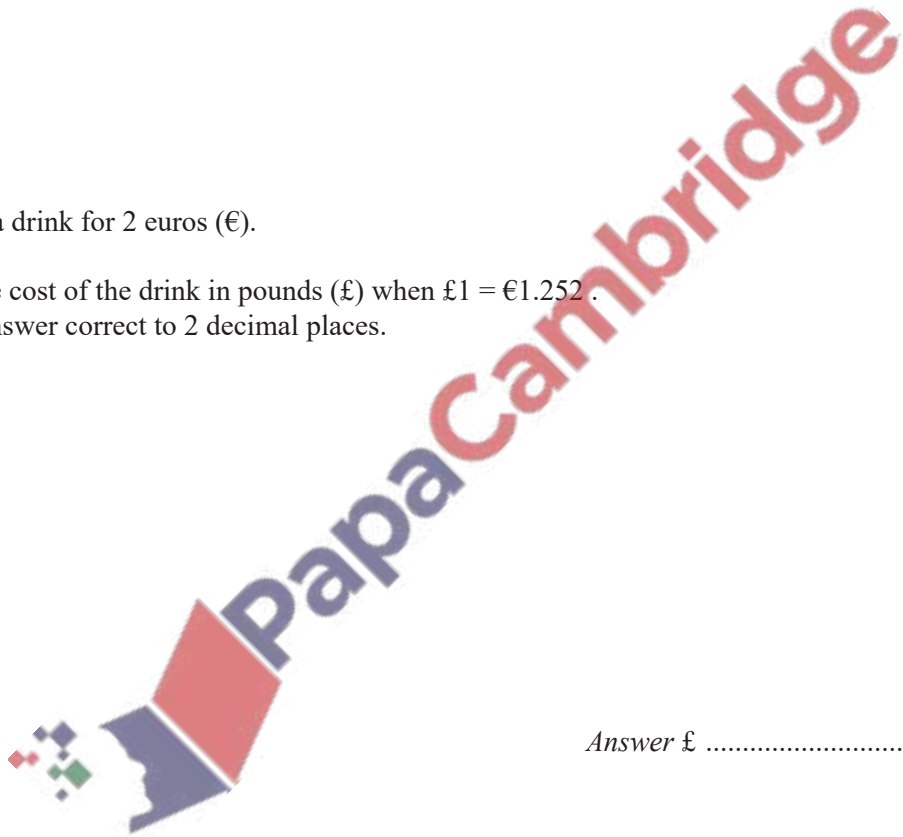
€[2]

2 James buys a drink for 2 euros (€).

Work out the cost of the drink in pounds (£) when £1 = €1.252.

Give your answer correct to 2 decimal places.

Answer £ [3]



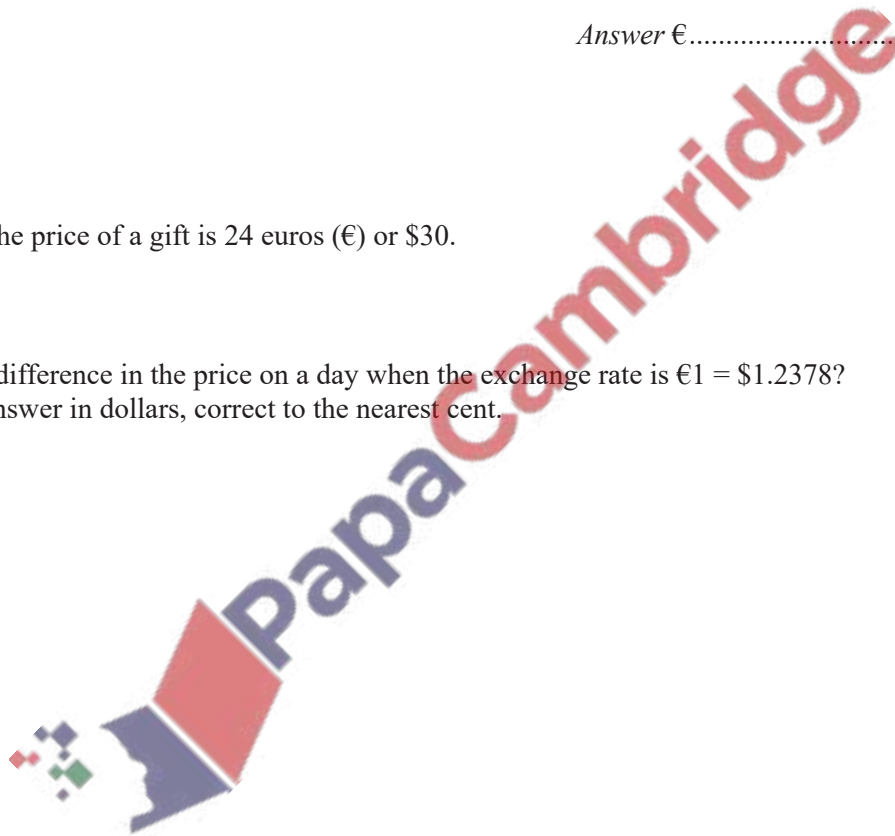
- 3 Carlos changed \$950 into euros (€) when the exchange rate was €1 = \$1.368.

Calculate how many euros Carlos received.

Answer €..... [2]

- 4 On a ship, the price of a gift is 24 euros (€) or \$30.

What is the difference in the price on a day when the exchange rate is €1 = \$1.2378?
Give your answer in dollars, correct to the nearest cent.



Answer \$..... [3]

5 For her holiday, Alyssa changed 2800 Malaysian Ringgits (MYR) to US dollars (\$) when the exchange rate was 1 MYR = \$0.325 .

At the end of her holiday she had \$210 left.

(a) How many dollars did she spend?

Answer(a) \$..... [2]

(b) She changed the \$210 for 750 MYR.

What was the exchange rate in dollars for 1 MYR?

Answer(b) 1 MYR = \$..... [1]

6 \$1 = 8.2 rand

Change \$350 into rands.

Answer rand [2]



7 Carlo changed 800 euros (€) into dollars for his holiday when the exchange rate was $\text{€}1 = \$1.50$.

His holiday was then cancelled.

He changed all his dollars back into euros and he received €750.

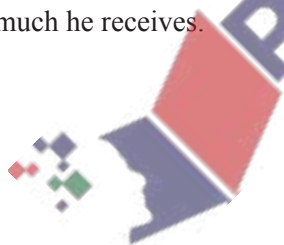
Find the new exchange rate.

Answer €1 = \$..... [3]

8 Chris changes \$1350 into euros (€) when $\text{€}1 = \$1.313$.

Calculate how much he receives.

Answer €..... [2]



9 The table shows how the dollar to euro conversion rate changed during one day.

Time	1000	1100	1200	1300	1400	1500	1600
\$1	€1.3311	€1.3362	€1.3207	€1.3199	€1.3200	€1.3352	€1.3401

Khalil changed \$500 into euros (€).

How many more euros did Khalil receive if he changed his money at the highest rate compared to the lowest rate?

Answer €..... [3]

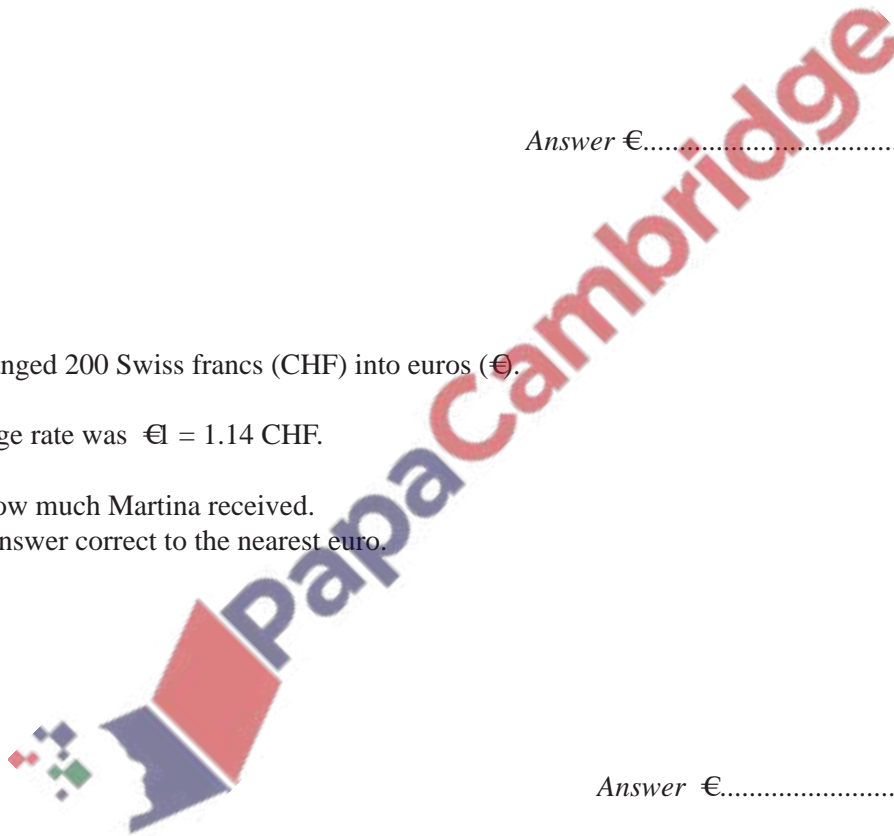
10 Martina changed 200 Swiss francs (CHF) into euros (€).

The exchange rate was €1 = 1.14 CHF.

Calculate how much Martina received.

Give your answer correct to the nearest euro.

Answer €..... [3]



- 11 George and his friend Jane buy copies of the same book on the internet.
George pays \$16.95 and Jane pays £11.99 on a day when the exchange rate is $\$1 = \pounds 0.626$.

Calculate, in dollars, how much more Jane pays.

Answer \$ [2]

- 12 Sheila can pay her hotel bill in Euros (€) or Pounds (£).
The bill was €425 or £365 when the exchange rate was $\pounds 1 = \text{€}1.14$.

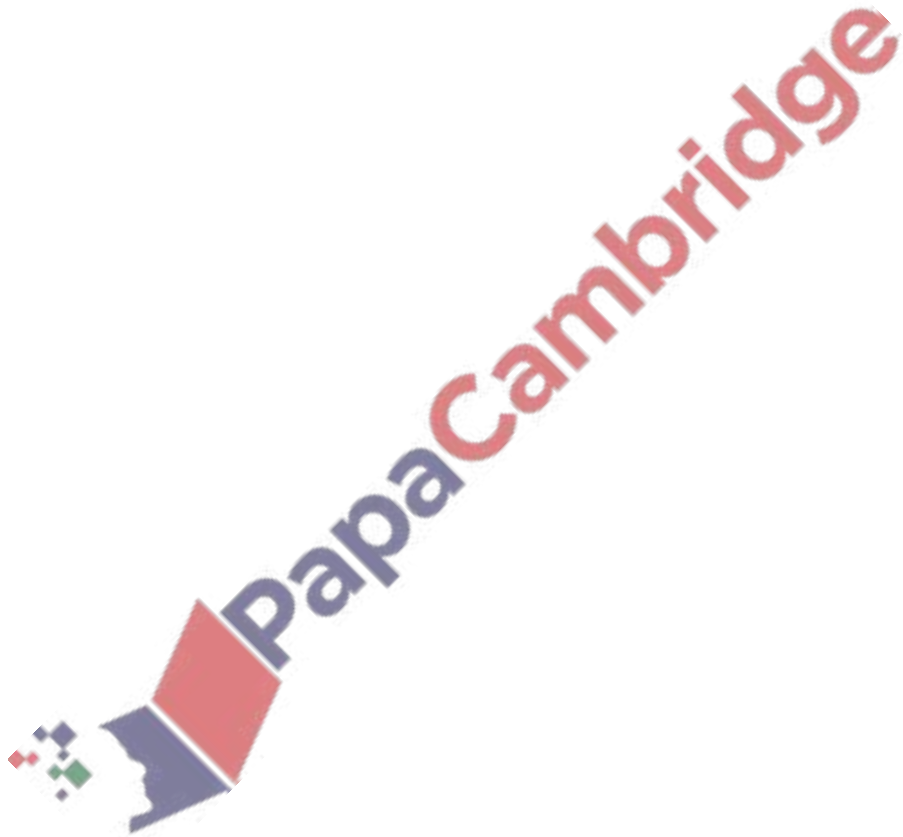
In which currency was the bill cheaper?
Show all your working.

Answer [2]

- 13 The train fare from Bangkok to Chiang Mai is 768 baht.
The exchange rate is £1 = 48 baht.

Calculate the train fare in pounds (£).

Answer £ [2]



14 A factory produces bird food made with sunflower seed, millet and maize.

(a) The amounts of sunflower seed, millet and maize are in the ratio

$$\text{sunflower seed} : \text{millet} : \text{maize} = 5 : 3 : 1 .$$

(i) How much millet is there in 15 kg of bird food?

Answer(a)(i) kg [2]

(ii) In a small bag of bird food there is 60 g of sunflower seed.

What is the mass of bird food in a small bag?

Answer(a)(ii) g [2]

(b) Sunflower seeds cost \$204.50 for 30 kg from Jon's farm or €96.40 for 20 kg from Ann's farm. The exchange rate is \$1 = €0.718.

Which farm has the cheapest price per kilogram?

You must show clearly all your working.

Answer(b) [4]



(c) Bags are filled with bird food at a rate of 420 grams per second.

How many 20 kg bags can be **completely** filled in 4 hours?

Answer(c) [3]

(d) Brian buys bags of bird food from the factory and sells them in his shop for \$15.30 each. He makes 12.5% profit on each bag.

How much does Brian pay for each bag of bird food?

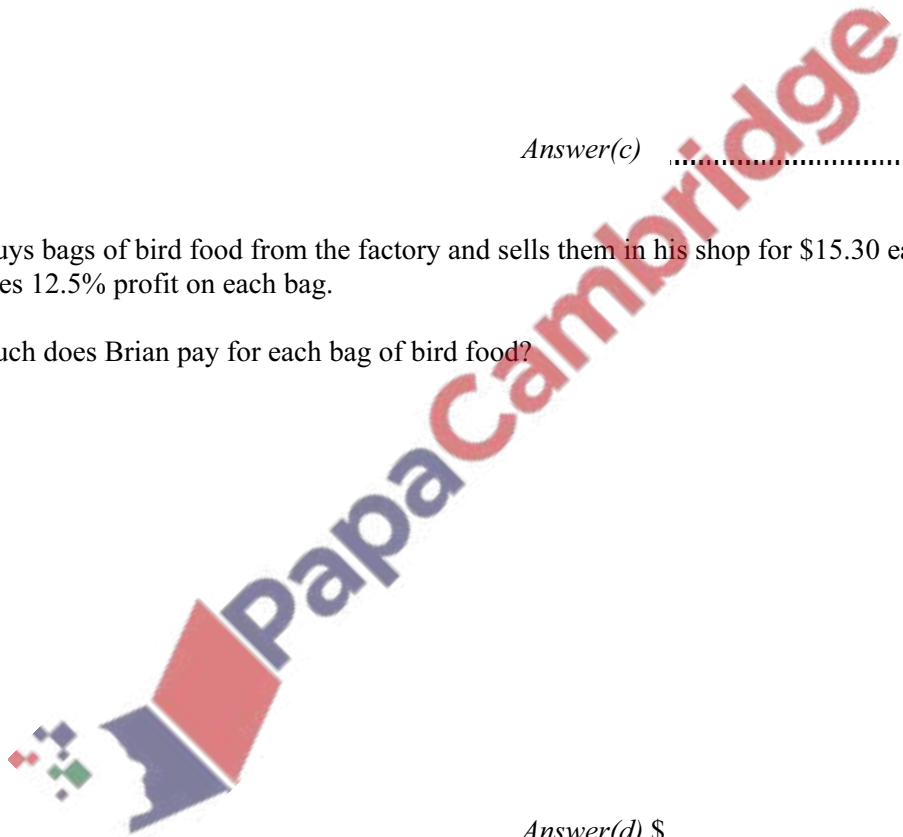
Answer(d) \$ [3]

(e) Brian orders 600 bags of bird food.

The probability that a bag is damaged is $\frac{1}{50}$.

How many bags would Brian expect to be damaged?

Answer(e) [1]



15 Gregor changes \$700 into euros (€) when the rate is €1 = \$1.4131 .

Calculate the amount he receives.

Answer € [2]

