## Exchange Rates

1) 

Michel changed $\$ 600$ into pounds $(\mathfrak{£})$ when the exchange rate was $£ 1=\$ 2.40$.
He later changed all the pounds back into dollars when the exchange rate was $£ 1=\$ 2.60$.
How many dollars did he receive?

## Answer \$

2) Ricardo changed $\$ 600$ into pounds ( $\mathfrak{f}$ ) when the exchange rate was $\$ 1=\mathfrak{£} 0.60$.

He later changed all the pounds back into dollars when the exchange rate was $\$ 1=£ 0.72$.
How many dollars did he receive?

> Answer \$
3) (a) A bank has an exchange rate of $\$ 1=€ 0.6513$.
(i) Jonathan changes $\$ 500$ into euros ( $€$ ). Calculate the amount Jonathan receives.

$$
\text { Answer(a)(i) } €
$$

(ii) Arika changes $€ 300$ into dollars. Calculate the amount Arika receives.

## Exchange Rates

4) 

(c) Theresa and Ian have 400 euros ( $€$ ) each.
(i) Theresa changes her $€ 400$ for pounds ( $£$ ) when the exchange rate is $€ 1=£ 0.7857$. Calculate the amount she receives.
Answer(c)(i) £
(ii) Ian changes his $€ 400$ for dollars (\$) when the exchange rate is $\$ 1=€ 0.6374$. Calculate the amount he receives.

> Answer(c)(ii) \$
5) Reina went on holiday to New Zealand.
(a) She travelled the 65 km from Tokyo to Narita Airport by taxi.

The taxi journey cost 300 yen $(¥)$ per kilometre plus a fixed charge of $¥ 700$.
Calculate the cost of the taxi journey.

$$
\text { Answer }(a) ¥
$$

(b) At Narita Airport, Reina changed $¥ 71190$ into New Zealand dollars (NZ\$).

The exchange rate was $\mathrm{NZ} \$ 1=¥ 56.5$.
How many New Zealand dollars did she receive?

## Exchange Rates

6) 

The air fare from Singapore to Stockholm can be paid for in Singapore dollars (S\$) or Malaysian Ringitts (RM).
One day the fare was $\mathrm{S} \$ 740$ or RM1900 and the exchange rate was $\mathrm{S} \$ 1=\mathrm{RM} 2.448$.
How much less would it cost to pay in Singapore dollars?
Give your answer in Singapore dollars correct to the nearest Singapore dollar.

$$
\text { Answer } \mathrm{S} \$
$$

7) In France, the cost of one kilogram of apricots is $€ 3.38$.

In the UK, the cost of one kilogram of apricots is $£ 4.39$. $£ 1=€ 1.04$.
Calculate the difference between these prices.
Give your answer in pounds (£).

$$
\text { Answer } £
$$

8) A meal on a boat costs 6 euros $(€)$ or 11.5 Brunei dollars (\$).

In which currency does the meal cost less, on a day when the exchange rate is $€ 1=\$ 1.9037$ ? Write down all the steps in your working.

> Answer

## Exchange Rates

9) Federico changed 400 euros ( $€$ ) into New Zealand dollars (NZ\$) at a rate of $€ 1=\mathrm{NZ} \$ 2.1$. He spent $x$ New Zealand dollars and changed the rest back into euros at a rate of $€ 1=\mathrm{NZ} \$ d$.

Find an expression, in terms of $x$ and $d$, for the number of euros Federico received.

$$
\text { Answer } €
$$

10) Alberto changes 800 Argentine pesos (ARS) into dollars (\$) when the rate is $\$ 1=3.8235$ ARS. He spends $\$ 150$ and changes the remaining dollars back into pesos when the rate is $\$ 1=3.8025$ ARS.

Calculate the amount Alberto now has in pesos.
11) Gregor changes $\$ 700$ into euros ( $€$ ) when the rate is $€ 1=\$ 1.4131$.

Calculate the amount he receives.

$$
\begin{equation*}
\text { Answer } € \tag{2}
\end{equation*}
$$

## Exchange Rates

12) 

(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.

