- (1) Euro > Any other currency MULTIPLY (x) (2) Any currency > Euro Divide :-







Applied Arithmetic



Section 4.4 Currency exchange

Example 1
 If €1 = 120 yen, find (i) how many yen you would get for €1200 (ii) how many euro would you get for 8000 yen.
Example 2
A US visitor exchanged \$2000 for euro when the exchange rate was €1 = \$1.36. A charge was made for this service. If the person received €1444.20, calculate the charge in euro.

Exercise 4.4

- 1. If €1 = 1.3 US dollars, find
 - (i) how many dollars you would get for €450
 - (ii) how many euro you would get for 800 dollars.

- **2.** If €1 = 120 yen, find
 - (i) how many yen you would get for €900 x 120 = ¥ 108,000 Y∈N (ii) how many euro you would get for 9000 yen. ÷ 120 = €75

- **3.** Given that €1 = £0.80 sterling, find
 - (i) how many pounds sterling you would get for €1200 × •80 = £960
 - (ii) how many euro you would get for £600. ÷ *80 = £750

4. On a visit to Switzerland, a person bought a leather jacket for 560 Swiss francs.

If $\leq 1 = 1.4$ Swiss francs, find the cost of the jacket in euro.



5.	lf	€1	=	1.4	Cana	dian	dol	lars

- If €1 = 1.4 Canadian dollars,

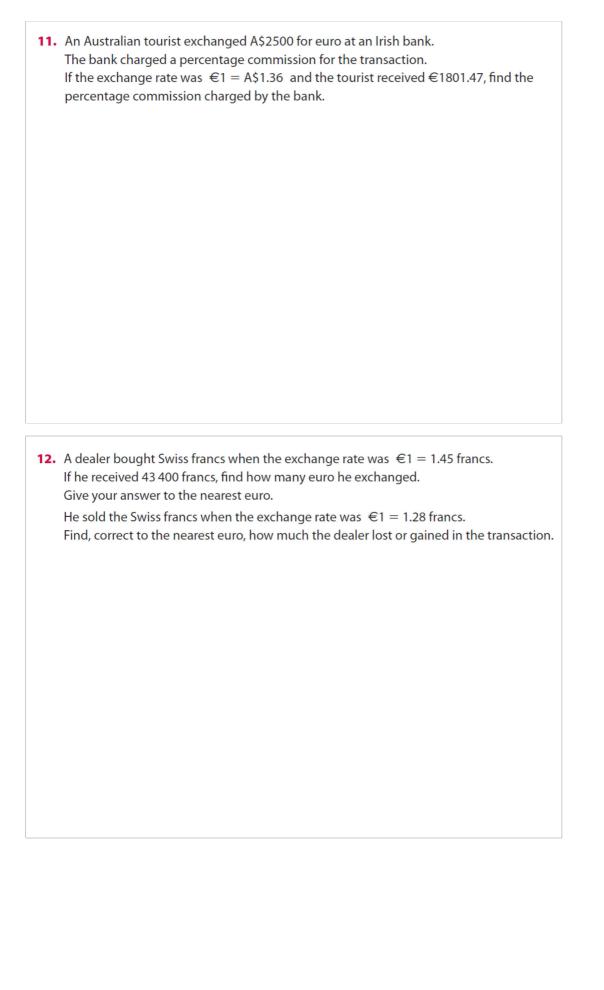
 (i) how many Canadian dollars would you get for €3500? **X** | •**4** = **4400** \$
- (ii) how many euro would you get for 5600 Canadian dollars? : 1.4 = £4000

- **6.** If €1 = 9.2 Swedish krona, find
 - (i) how much in Swedish krona would you get for €750
 - (ii) how much in euro you would get for 1500 Swedish krona.

7. A Swiss visitor exchanged 4200 Swiss francs for euro at an exchange bureau. The rate of exchange was $\leq 1 = 1.4$ Swiss francs. Find, in euro, what the visitor received if the bureau charged 1% commission.

8. A Thai tourist paid 140 000 Thai baht to a travel agent for a holiday in Ireland. The cost to the travel agent of organising the holiday was €2460. Calculate, in baht, the profit made by the travel agent if $\leq 1 = 40$ baht.

9. When the exchange rate was €1 = 9.8 South African Rand, a woman exchanged 12 000 South African Rand for euro at a bank. The bank charged a fee for this transaction. If the woman received €1166.60, find, in euro, the fee charged by the bank.
10. On a trip to Sweden, a tourist exchanged €4500 for Swedish krona when the exchange rate was €1 = 8.75 krona. He spent 25 400 krona and then on his return, exchanged what he had left back into euro when the exchange rate was now €1 = 8.60 krona. How much did he receive in euro?



Answers

Exercise 4.4

- **1.** (i) \$585
- 2. (i) 108 000 yen (ii) €75 3. (i) £960 (ii) €750
- **4.** €400
- 5. (i) C\$4900 (ii) €4000 6. (i) 6900 kr (ii) €163.04 7. €2970 8. 41 600 baht 9. €57.89 10. €1625

- **11.** 2%

- (ii) €615.38
- (ii) €750

- **12.** €29 931; €3975 gain