

**WORKSHEET**

## Currency rate exchange

Isla loves shopping but, when she had a car accident that broke both her legs, she found that getting around shopping centres was very difficult. She decided to try shopping online and discovered that she could shop almost anywhere in the world without leaving her home. Often, Isla found that she needed to apply her knowledge of currency exchange rates to convert prices from foreign currencies into Australian dollars (AUD).

On one particular day, Isla bought several items. The currency exchange rates for that day are shown in the following table:

Units of foreign currency per Australian dollar	
US dollar (USD)	1.0251
Euro (EUR)	0.7655
Great Britain Pound (GBP)	0.6547
New Zealand dollar (NZD)	1.2263
Indian rupee (INR)	55.22
Hong Kong dollar (HKD)	7.9503
Swedish krona (SEK)	6.5605

Use the table to answer the questions below:

- As a Mother's Day gift for her mum, Isla bought a bottle of perfume from France. It cost EUR65. What did the perfume cost in Australian dollars?
- For her brother's 21st birthday, she bought a watch from Hong Kong for HKD1590. How many Australian dollars was this?
- For herself, Isla bought a pair of shoes from the USA. How much did they cost in Australian dollars if they cost USD150?

At this point Isla realised that she was spending a lot of money so decided to shop around for the best price, comparing prices of the other items she wanted to buy. She found three prices for each.

- For each item in the table below:
  - convert the prices given in foreign currencies into Australian dollars, and then
  - name the currency in which the best price is given.

	Item	Price 1	Price 2	Price 3
a	Hair styling product	GBP18	NZD18	HKD110
b	MP3 player dock	EUR78	INR5212	SEK780
c	Microphone	USD46	HKD262	NZD49
d	A pair of woolly slippers for her Grandma	NZD74	SEK04	USD70
e	A book entitled "How to Break Your Online Shopping Habit"	GBP20	EUR21	USD27

- 5 Isla was in such a good mood after her successful day's shopping that she decided she would donate AUD50 to a charity in each of the countries from which she had bought something. Using the exchange rates in the first table, calculate how much AUD50 amounts to in each of these currencies.

**Answers**

- 1 AUD84.91
- 2 AUD199.99
- 3 AUD146.33
- 4
  - a
    - i AUD27.49, AUD14.68, AUD13.84
    - ii Hong Kong dollar
  - b
    - i AUD101.89, AUD94.39, AUD118.89
    - ii Indian rupee
  - c
    - i AUD44.87, AUD32.95, AUD39.96
    - ii Hong Kong dollar
  - d
    - i AUD60.34, AUD61.58, AUD68.29
    - ii New Zealand dollar
  - e
    - i AUD30.55, AUD27.43, AUD26.34
    - ii US dollar
- 5 EUR38.28, HKD397.52, USD51.26, INR2761, NZD61.32