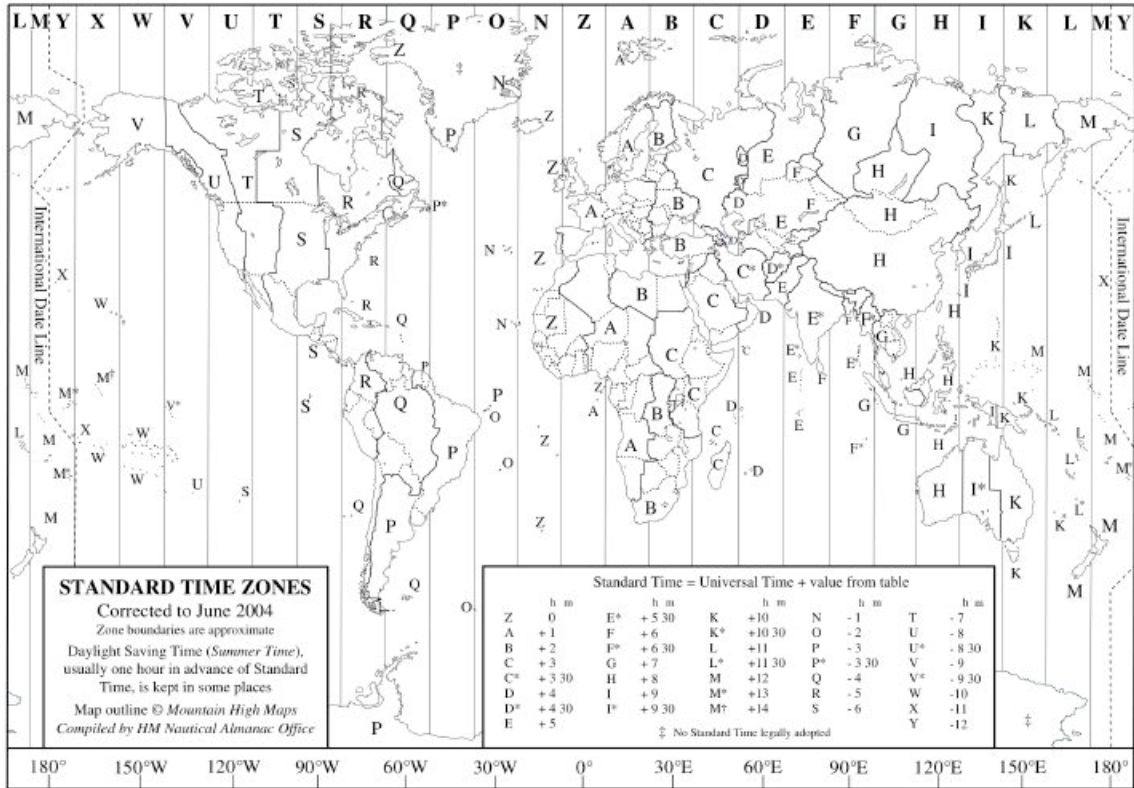


# Doing Time

## Time Zones Around the World

We are learning to find the time in different parts of the world

AC
EA
AA
AM
AP



Time zones are fixed according to the time in *Greenwich, London*. Places to the East of London are ahead of *Greenwich* time while places that are to the West are behind.

### Exercise 1

Complete the table by finding out the correct time zone (Letter and number of hours before/ahead of *Greenwich*) from the map above for the following cities or countries.

Christchurch	
Sydney	
Alaska	
India	
Perth	
Madagascar	
Samoa	
Chile	

## Exercise 2

Copy and complete the following statements.

Example: Auckland is 12 hours ahead of London

- 1) Christchurch is \_\_\_\_\_ hours \_\_\_\_\_ London
- 2) Chile is \_\_\_\_\_ hours \_\_\_\_\_ London
- 3) Samoa is \_\_\_\_\_ hours \_\_\_\_\_ London
- 4) Madagascar is \_\_\_\_\_ hours \_\_\_\_\_ London
- 5) Perth is \_\_\_\_\_ hours \_\_\_\_\_ London
- 6) India is \_\_\_\_\_ hours \_\_\_\_\_ London
- 7) Alaska is \_\_\_\_\_ hours \_\_\_\_\_ London
- 8) Sydney is \_\_\_\_\_ hours \_\_\_\_\_ London
- 9) Find four other places from the world map and state how many hours ahead or behind London they are.

## Exercise 3

Copy and complete the following statements.

Example: Auckland is 2 hours ahead of Melbourne

- 1) Christchurch is \_\_\_\_\_ hours \_\_\_\_\_ Sydney
- 2) Chile is \_\_\_\_\_ hours \_\_\_\_\_ Kaitia
- 3) Napier is \_\_\_\_\_ hours \_\_\_\_\_ Samoa
- 4) Madagascar is \_\_\_\_\_ hours \_\_\_\_\_ Dunedin
- 5) Auckland is \_\_\_\_\_ hours \_\_\_\_\_ Perth
- 6) India is \_\_\_\_\_ hours \_\_\_\_\_ Wellington
- 7) Hamilton is \_\_\_\_\_ hours \_\_\_\_\_ Alaska
- 8) Sydney is \_\_\_\_\_ hours \_\_\_\_\_ Stewart Island
- 9) Find four other places from the world map and state how many hours ahead or behind the place that you live in NZ they are.

## Exercise 4

Copy and complete the following statements.

Example: Chile is 14 hours behind Melbourne

- 1) Chile is \_\_\_\_\_ hours \_\_\_\_\_ Sydney
- 2) Alaska is \_\_\_\_\_ hours \_\_\_\_\_ India
- 3) Perth is \_\_\_\_\_ hours \_\_\_\_\_ Samoa
- 4) Madagascar is \_\_\_\_\_ hours \_\_\_\_\_ Chile
- 5) India is \_\_\_\_\_ hours \_\_\_\_\_ Samoa
- 6) Sydney is \_\_\_\_\_ hours \_\_\_\_\_ Madagascar

## Exercise 5

Refer to the "Time Zones Map" to answer the following questions.

Example: If it is 7pm Sunday in Whangarei it is 5pm Sunday in Sydney

If it is 6pm on Wednesday in Wellington what time and day is it in

- |           |                |           |
|-----------|----------------|-----------|
| 1) Sydney | (2) Alaska     | (3) India |
| 4) Perth  | (5) Madagascar | (6) Samoa |
| 7) Japan  | (8) Chile      |           |

## Exercise 6

Refer to the "Time Zones Map" to answer the following questions.

Example: If it is 7pm Sunday in Alaska it is 2pm Monday in Sydney

If it is 2am on Saturday in New York what time and day is it in

- |           |                |           |
|-----------|----------------|-----------|
| 1) Sydney | (2) Alaska     | (3) India |
| 4) Perth  | (5) Madagascar | (6) Samoa |
| 7) Japan  | (8) Chile      |           |

## Exercise 7

Refer to the "Time Zones Map" to answer the following questions.

1. Work out the times/days involved
2. Write a sentence explaining whether the call should be made or not

- 1) Billy lives in Hastings and wants to phone his grandfather in London. It is 6pm on Saturday in NZ
- 2) Arlene lives in Auckland and has just had a baby (Saturday at 2 am). She wants to phone her mother who is on holiday in Samoa with the good news.
- 3) Arisa is from Japan and is studying in Sydney. She plans to phone home on Sunday night at 8pm
- 4) Mareea is on a working holiday in London. She decides to phone her mother in India on Saturday morning when she wakes up at 8 am.
- 5) Zac plays in a band and he is currently on tour in Madagascar and he decides to phone his bank in Auckland to check his account. It is 10am on Monday morning in Madagascar.
- 6) Aroha is playing Hockey at a tournament in Chile. After her team wins the semi-final at 5pm on Friday she phones her father in Rotorua to tell him the news.

# Time Zones Around the World

## Answers

### Exercise 1

Christchurch	M, 12 hours ahead
Sydney	K, 10 hours ahead
Alaska	V, 9 hours behind
India	E*, 5hr30min ahead
Perth	H, 8 hours ahead
Madagascar	C, 3 hours ahead
Samoa	L, 11 hours ahead
Chile	Q, 4 hours behind

### Exercise 2

- 1) 12 ahead      (2) 4 behind      (3) 11 ahead      (4) 3 ahead  
 5) 8 ahead      (6) 5hr30min ahead      (7) 9 behind      (8) 10 ahead  
 9) Answers will vary

### Exercise 3

- 1) 2 ahead      (2) 16 behind      (3) 1 ahead      (4) 9 behind  
 5) 4 ahead      (6) 6hr30min behind      (7) 21 ahead      (8) 2 behind  
 9) Answers will vary

### Exercise 4

- 1) 14 behind      (2) 14hr30min behind      (3) 3 behind      (4) 7 ahead  
 5) 5hr30min behind      (6) 7 ahead

### Exercise 5

- 1) 4pm Wed      (2) 9pm Tues      (3) 11:30am Wed      (4) 2pm Wed  
 5) 9am Wed      (6) 5pm Wed      (7) 3pm Wed      (8) 2am Wed

## Exercise 6

- |    |          |     |          |     |             |     |         |
|----|----------|-----|----------|-----|-------------|-----|---------|
| 1) | 5pm Sat  | (2) | 10pm Fri | (3) | 12:30pm Sat | (4) | 3pm Sat |
| 5) | 10am Sat | (6) | 6pm Sat  | (7) | 4pm Sat     | (8) | 3am Sat |

## Exercise 7

- 1) London 6am Saturday. This time is probably suitable if his grandfather gets up early
- 2) Samoa 1am Saturday. Bad time but mother will still want the call.
- 3) Japan 7pm Sunday. Likely to be a good time to make the phone call.
- 4) India 1:30 pm Saturday. Likely to be a good time to make the phone call.
- 5) Auckland 7 pm. The bank is probably closed so not a good time to call.
- 6) Rotorua 9am Saturday. Likely to be a good time to make the phone call.