

Sorry to Disturb You!

You need: a classmate, a map of the world, a phone book

ACTIVITY

Courtney tells Jack that she left America the evening *before* her birthday, travelled 12 hours across the Pacific Ocean, and arrived in Auckland at 6.00 a.m. on the morning *after* her birthday. She missed her birthday!

1. Discuss with a friend what happened to Courtney. Can what she says really happen? If so, how?
2. Jack's older brother, Mike, lives in London. Sometimes Mike phones in the middle of the night and wakes Jack's family. Why might this happen?

You'd think that he could ring at a more suitable time.

Courtney and Jack find a section near the front of the phone book called International Country and Area Codes. This is what they see:

	Hours behind NZ*
United Kingdom	12
00 44	<i>Followed by Area Code and Local No.</i>
ENGLAND	
Birmingham	121

** No provision has been made for daylight saving at either end.*

3.
 - a. Using a phone book, list five countries that you know. Find them on a map. How many hours behind New Zealand is each one?
 - b. What day and time would it be in each of these countries when it is 9.00 a.m. Wednesday in New Zealand?
 - c. If you wanted to call friends in these countries at 6.00 p.m. Wednesday their time, what time and day would it be in New Zealand when you made your call?



INVESTIGATION

Find out about the International Date Line and time zones. Which countries have different times in different parts? Why is this the case? What problems do you think this may create for the people who live in these countries?