

## Time Travellers

Greenwich Mean Time (GMT) and all of the world's time is set from Greenwich in London, the site of the Millennium Dome.

Those countries to the east of London are ahead of us time as the earth spins from day to night. Those countries on the west of London are behind in time.

Use the Timeticker web site to find out how far ahead, or behind GMT these countries are. ([www.timeticker.com](http://www.timeticker.com))

Country	+ GMT or - GMT	Current local time
France	+ 1 hour	
Cyprus		
India		
China/Hong Kong		
Brazil		
Greece		
USA/Eastern		
New Zealand		
Australia/Sydney		
Spain		
Japan		
Mexico		

Use your chart to answer the following questions.

1. In London the time is 14:00. What time is it in the following countries?

- a) Greece                      b) Spain                      c) Japan                      d) Mexico

When we go on foreign holidays we often have to re-set our watches as we leave the plane so that they show the correct local time for that country.

2. A flight from London to Greece takes 4 hours. If I take off at 09:30, what will be the local time when I land?

3. A flight from London to India takes 12 hours. If I take off at 18:00, what will be the local time when I land?

4. A flight to Sydney, Australia via Hong Kong takes 24 hours in total. I take off at 15:00 on 8<sup>th</sup> December. What will be the date and local time when I land?

5. A flight from London to New York (eastern USA) takes 8 hours. There are two flight times I could book 11:00 or 18:00. Find out the times at which both flights are due to land.

6. If a flight leaves London at 06:00 on 10<sup>th</sup> December, and flies over America to Sydney, Australia, taking 24 hours, what will be the date and local time when I land in Sydney?