



- SQ ME** Karin is in Athens, which is two hours ahead of Coordinated Universal Time (UTC).
18 Marco is in New York, which is five hours behind UTC.
- (a) Karin is going to ring Marco at 10 pm on Tuesday, Athens time. **1**
What day and time will it be in New York when she rings?
- (b) Marco is going to fly from New York to Athens. His flight will leave on **2**
Wednesday at 9 am, New York time, and will take 11 hours.
What day and time will it be in Athens when he arrives?
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(a) Time difference = $2 + 5$
= 7

Athens is 7 hours ahead of New York.

New York time = 10 pm Tues minus 7 hours
= 3 pm Tuesday

(b) Athens time = 9 am Wednesday plus 7 hours plus 11 hours
= 9 am Wednesday plus 18 hours
= 3 am Thursday

* These solutions have been provided by [projectmaths](http://projectmaths.com.au) and are not supplied or endorsed by NESA.