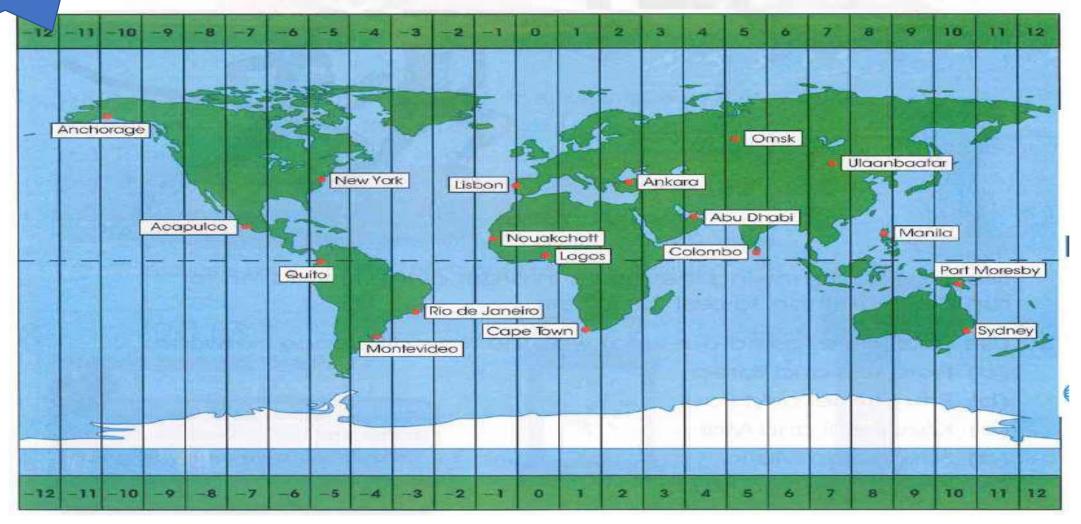
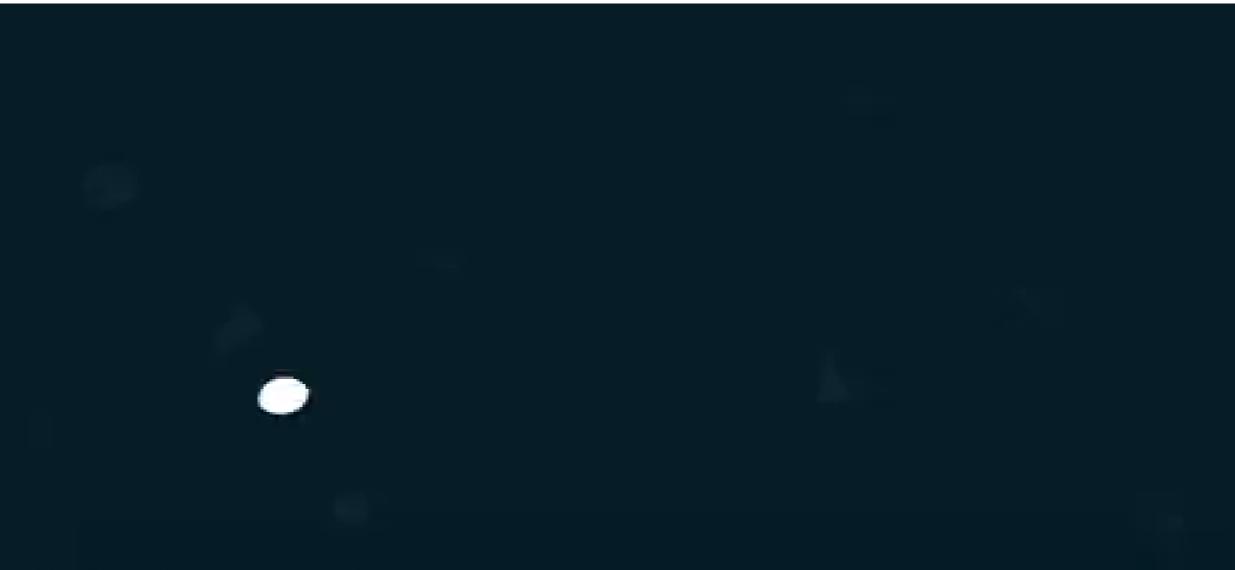


This map shows *approximately* the time zones around the world. It shows how far ahead or behind the time is in hours from the Universal Time at '0'.

P 21



Why do we have different time zones?



aparat.com/SaharTaremiiiiiii

- What is the approximate time difference in hours between:
 - (a) Quito and Lisbon?
 - (b) Anchorage and Colombo?
 - (c) Cape Town and Ulannbaatar?
 - (d) Nouakchott and Sydney?



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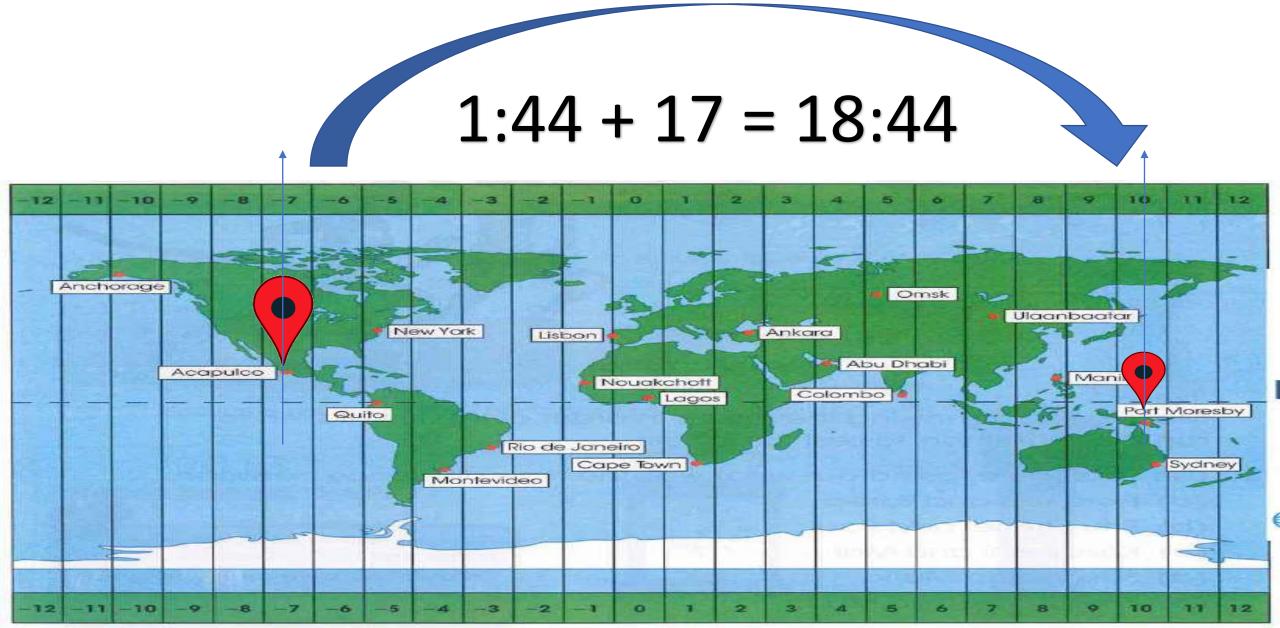
2 Use the map to estimate:

(a) If it was 09:21 in Lagos, what would be the time in Omsk?

9:21 + 4 = 13.21



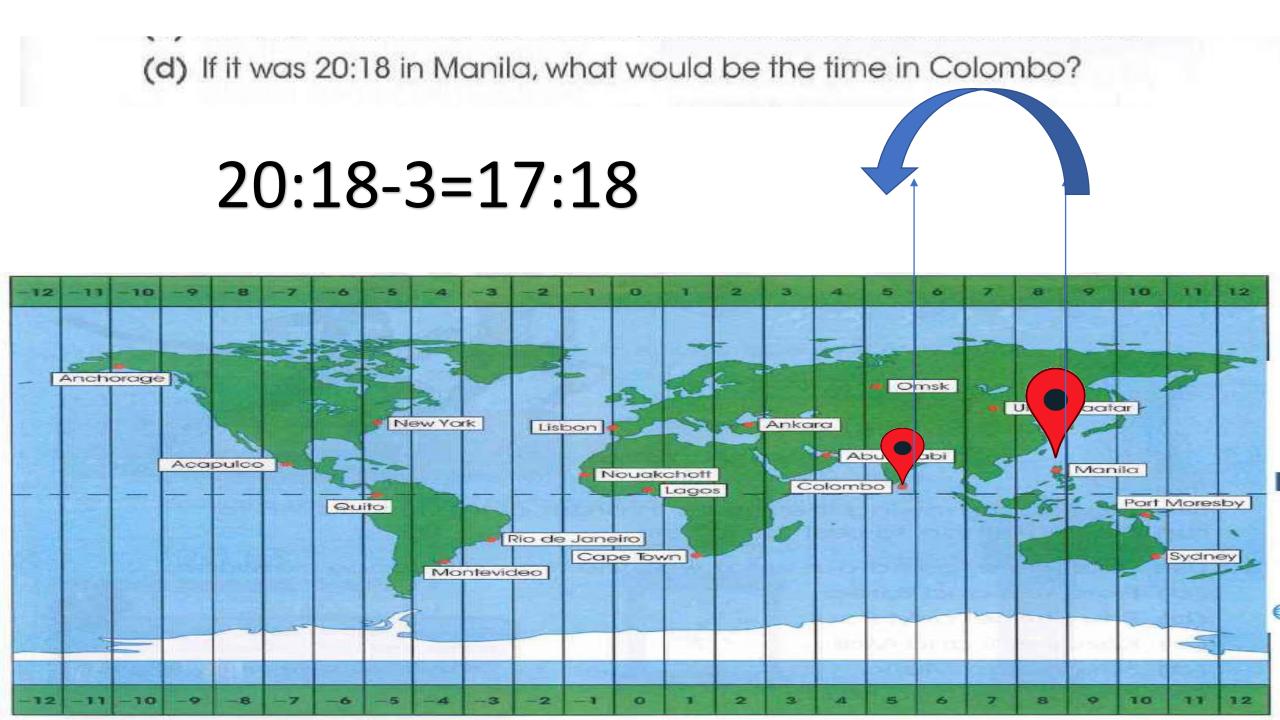
(b) If it was 01:44 in Acapulco, what would be the time in Port Moresby?



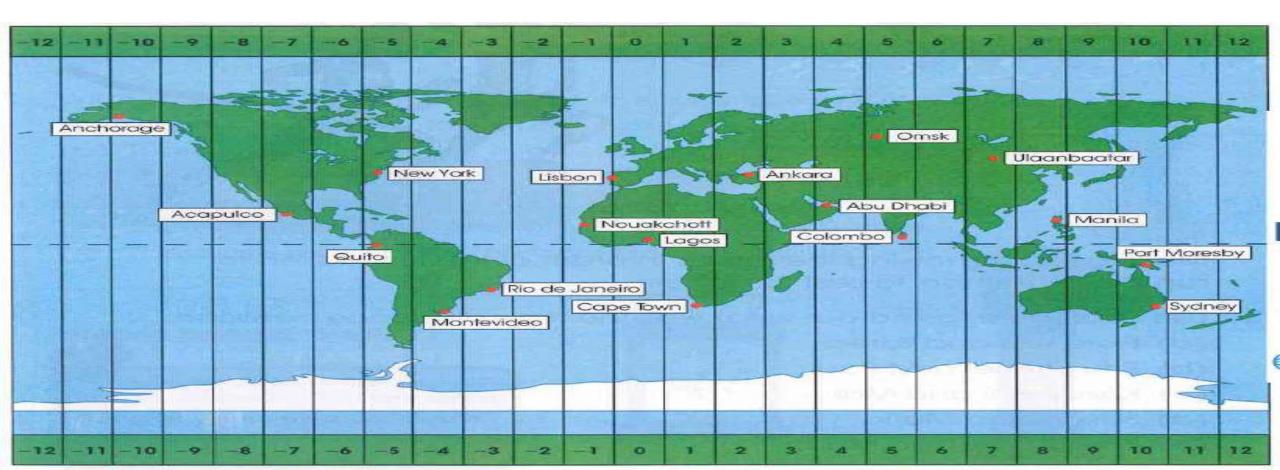
(c) If it was 18:03 in Rio de Janeiro, what would be the time in Ankara?

18:03 + 5 = 23:03





Find two cities with (4 h) time difference. Find two cities with (1 h) time difference. Find two cities with (NO) time difference.



	Departure city	Destination city	Departure time at departure city	at destination city	First work out what the time is in the arrival city at the time when the plane leaves
(a)	Lima	Sao Paulo	13:45 (Mon)	20:35 (Mon)	

The time in Sao Paulo is 2 hours ahead of Lima. Look at the time table above. How long was the journey?

1.Find : It was (13.45+ 2= 15:45) in Sao Paulo.

When it was 13:45, what time was it in Sao Paulo?

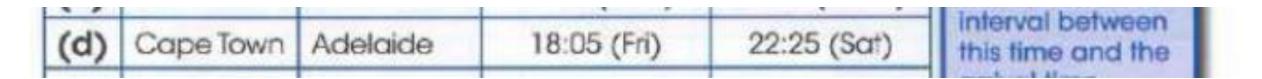
2. Find: 20:35-15:45 = 4 hours 50 minutes

How long was the journey? (the arrival time - the departure time = ?)









The time is Cape Town is 8 hours behind Adelaide. How long was the journey?

1. Find :

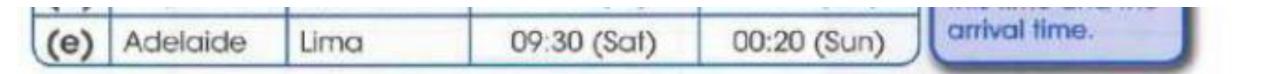


When it was 18:05, what time was it in Adelaide?

18:05 - 8 = 10

2. Find :

How long was the journey? (the arrival time - the departure time = ?) 22:25 - 10 = 10 h 25 min



The time is Adelaide is 4 hours ahead of Lima. How long was the journey?