

Time Zones

Answer the following questions in your notebook. Show the steps you took in calculating your answers.

1. Anna's cousin in England phones to tell her that he will be visiting during the Christmas holidays. If he calls at 8:00 pm British time, what time will Anna pick up the phone here (Vancouver time)?
2. Rachel R. finds out that this year's final exam is actually the same one that one of her distant cousins in Toronto wrote only last year. What time does Holly & Keirra tell Rachel that she should phone her cousin if she wants to catch him home, during dinner, between 6:00 p.m. and 7:00 p.m., Toronto time?
3. Jacob, Andrew, Aleem, Francesco, and Joshua find out that their joint Lotto 649 ticket is a big winner. First they fly to Toronto to pick up their winnings, next they plan to go to Jamaica for a week's rest on the beach. Their plane leaves Toronto at 3:00 p.m. It is a 3 1/2 hour flight. What time will they land at the airport in Kingston, Jamaica?
4. Katherine scores 25 goals as her boy's field hockey team wins the B.C. championship. This remarkable achievement is broadcast on the CBC radio news in Vancouver at 5:00 p.m. A Montreal station picks up the story and broadcasts it an hour later. What time will Ben, Erica, Randy, Michael and Trevor hear this story?
5. When Bailee reads the morning paper, she sees that there is a cheap seat sale offered by Air Canada. She announces this to Mr. Benoy's 3rd block Social Studies class. Somehow Mr. Benoy rounds up enough cash to take the class on a field trip across the country to St. John's Newfoundland. As the class gets onto the plane at Vancouver International Airport, Farzin, Kaian, Rayne and Adam adjust their watches to Newfoundland time. If the time is 12:00 noon in Vancouver, what time do the intrepid travelers set their watches to?
6. Ali aces the final exam and is so excited that he calls his father, who is in Mexico City at a conference. She calls at 1:00 p.m., Vancouver time. When is his call received in Mexico?

7. Erin earned enough money helping Sarah, and Melina manufacture perfect maps that she decides to go to Sydney, Australia for a well-deserved break. She faxes a friend there to let her know her plans. It is 3:00 p.m. in Vancouver. What time is the fax received in Sydney?
8. Overhearing Erin's conversation, Rachel D. decides it is about time that she collected on the loans that she made Erin. She collected the loans, shaking down Erin for a tidy sum. With her takings, she heads south, driving 17 hours, non-stop, to San Francisco. If she mugged Erin at 3:30 p.m. and left immediately after, what time will she get to the Golden Gate Bridge?
9. Angel, Rico and Liam fly to Honk Kong to go shopping. They leave Vancouver at 5 minutes past midnight on Saturday, January 21. The flight takes 13 hours. What time will Hong Kong shopkeepers begin to brace themselves as they see their plane descending to the Airport?
10. Mr. Benoy quits teaching after inheriting more money than he has sense enough to spend. Along with his Social Studies 8 class, he heads for the hills -- the South American Andes to be exact -- off to visit the lost Incan city of Manchu Pichu, in Peru. While in Lima, the capital, he decides to phone Sutherland to get everyone jealous. He wants the call to be taken at 11:45 a.m., at the start of the lunch break. What time will it be in Lima when he gloatingly snatches up the phone?