

Time Zones

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

1. Jeffrey's cousin in England phones to tell him that he will be visiting during the Christmas holidays. If he calls at 8:00 pm British time, what time will Jeffrey pick up the phone here (Vancouver time)?
2. Airrissa 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 Willow tell Airrissa 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. Nicole, Ali and Elizabeth 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. Michael scores 75 points as his boy's basketball team wins the Vancouver and District 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 Liam, Taichi and Chris K. hear this story?
5. When Chantal reads the morning paper, she sees that there is a cheap seat sale offered by Air Canada. She announces this to Mr. Benoy's 2nd 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, Mathew, Chris G., Reid, Suban and Maison 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. Emma aces the final exam and is so excited that she calls her father, who is in Mexico City at a conference. She calls at 1:00 p.m., Vancouver time. When is her call received in Mexico?
7. Taig earned enough money helping Chloe and Nina manufacture perfect maps that she decides to go to Sydney, Australia for a well-deserved break. She texts a friend there to let her know her plans. It is 3:00 p.m. in Vancouver. What time is the text received in Sydney?

8. Overhearing Taig's conversation, Patricia decides it is about time that she collected on the loans that she made Taig. Along with Daniel and Ryan she collected the loans, shaking down Taig for a tidy sum. With their takings, the mob heads south, driving 17 hours, non-stop, to San Francisco. If they mugged Taig at 3:30 p.m. and left immediately after, what time will they get to the Golden Gate Bridge?
9. Rio, Elise and Sarah 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 the ladies' plane descending on Hong Kong International 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?