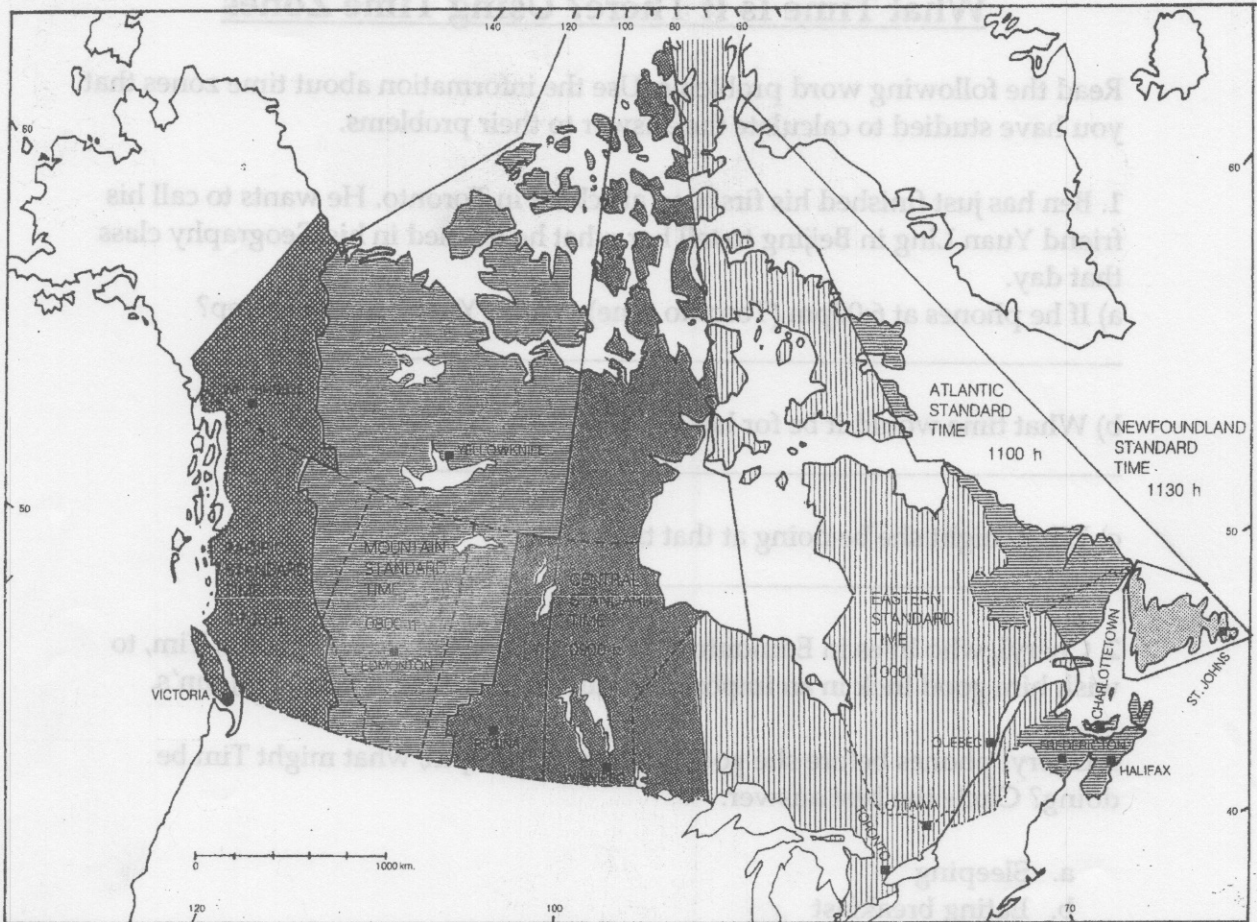


Figure 1.29. CANADA'S TIME ZONES



Time Zone	Time
Newfoundland	7:30 pm
Atlantic	
Eastern	
Central	
Mountain	
Pacific	

Name: _____

What Time Is It There? Using Time Zones

Read the following word problems. Use the information about time zones that you have studied to calculate the answer to their problems.

1. Ben has just finished his first day at school in Toronto. He wants to call his friend Yuan Ling in Beijing to tell her what he learned in his Geography class that day.

a) If he phones at 6:00pm (Toronto time), would Yuan Ling be asleep?

b) What time would it be for her?

c) What might she be doing at that time of day?

2. Cheryl, who lives in Edmonton, Alberta, wants to call her brother, Tim, to wish him good luck in an important exam. Her brother lives in St. John's.

If Cheryl phones before she goes to sleep at 10:00pm, what might Tim be doing? Circle the best answer.

- a. Sleeping
- b. Eating breakfast
- c. Sitting in class

3. Amy lives in Toronto. She would like to call her aunt that lives in London, England. Her aunt goes to sleep at 10:00pm every night. What is the latest time that Amy could call her aunt to make sure she doesn't wake her up?

- a. 7pm
- b. 3am
- c. 5pm

4. Write a time zone problem of your own. Exchange your problem with someone else in the class.

	Time Zone
	Newfoundland
	Atlantic
	Eastern
	Central
	Mountain
	Pacific

REVIEW: THE MAP SCALE, DIRECTION ON MAPS AND LATITUDE & LONGITUDE

VOCABULARY PRACTISE

Using the words in the list, fill in the blanks in the sentences below.

Equator	ordinal	cardinal
rose	meridians	parallels
north	degrees	east
Prime Meridian	south	coordinate
west	centimetres	kilometres
grid		scale

In order to find direction on maps, we use a compass _____. The _____ directions are north, south, east, and west. The _____ directions are northwest, northeast, southeast and southwest. Distances on a map are measured using a map _____. Distances on the map are measured in _____ and can tell us the distances in _____. To find locations on maps we use latitude and longitude. Latitude lines are called _____ and circle the Earth from _____ to _____. Latitude lines are measured in _____. Latitude lines begin at 0° at the _____ and go to 90° at the north and south poles. Longitude lines are called _____ and circle the earth from _____ to _____. Longitude lines are also measured in _____. Longitude lines begin at 0° at the _____ and end at 180°. Latitude lines and longitude lines form a _____. Places can be located on a map using a _____.

REVIEW: THE MAP SCALE, DIRECTION ON MAPS AND
LATITUDE & LONGITUDE

WHERE IN CANADA?

Use maps of Canada and of the world to find places at the following co-ordinates.

1. What province or territory would you be in if you were at:

50°N 112°W _____

55°N 122°W _____

55°N 70°W _____

66°N 112°W _____

50°N 97°W _____

47°N 64°W _____

2. Find the capital cities at these locations.

54°N 113°W _____

46°N 66°W _____

66°N 68°W _____

47°N 53°W _____

50°N 97°W _____

51°N 104°W _____

WHERE IN THE WORLD?

3. What country would you be in if you were at:

30°N 60°E _____

35°N 105°W _____

30°S 60°W _____

40°N 0° _____

0° 15°E _____

35°S 140°E _____