

CGC 1P1 – MAPPING SKILLS REVIEW

Name: _____

Total: / 20

Your test is on _____. You need to bring the following materials in order to write the test: ruler, calculator, pencil, and an eraser. **DO NOT FORGET!!!!** It is your responsibility to come prepared!

This review package is to be completed and submitted for evaluation on the day of the test. All answers are to be done in the space provided for each question. Read each question carefully and only refer to your notes if you cannot do the question. Make sure you double check your answers before you submit this in.

PART A: MAP IDENTIFICATION (See Map #1 –Canada Map)

Name all of the symbols on the map of Canada. Use the legend to identify what the symbols mean. All of the answers are on your map of Canada that you have been labelling in class as well as the atlas pages 10-11.

ANSWERS TO CANADA MAP:

Capital Cities ●

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____

Province/Territory ■

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____

Island ▲

- ▲1. _____
- ▲2. _____
- ▲3. _____
- ▲4. _____
- ▲5. _____

River ⑥

- ⑥ 1. _____
- ⑥ 2. _____
- ⑥ 3. _____
- ⑥ 4. _____

Lake ✱

- ✱ 1. _____
- ✱ 2. _____
- ✱ 3. _____
- ✱ 4. _____
- ✱ 5. _____
- ✱ 6. _____

Bodies of Water ✕

- ✕ 1. _____
- ✕ 2. _____
- ✕ 3. _____
- ✕ 4. _____
- ✕ 5. _____

PART B: CONTINENTS AND OCEANS (See Map #2- Continents and Oceans)

Name the 7 continents and 5 oceans of the world. Place your answers in the spaces provided below. Make sure your answer matches the correct symbol on the map.

Continents

Oceans

#1. _____

1a. _____

#2. _____

2b. _____

#3. _____

3c. _____

#4. _____

4d. _____

#5. _____

5e. _____

Use the continents and oceans map to help you answer the following questions:

1. Which continent is the largest? _____
2. Which continent is the smallest? _____
3. Which continent do we live on? _____
4. Which continent is connected to ours? _____
5. Which continent is east of us? _____
6. Which 3 oceans touch North America? _____
7. Describe Whitby's location in the world using proper directional terms. _____

 _____.

PART C: GRID SYSTEMS

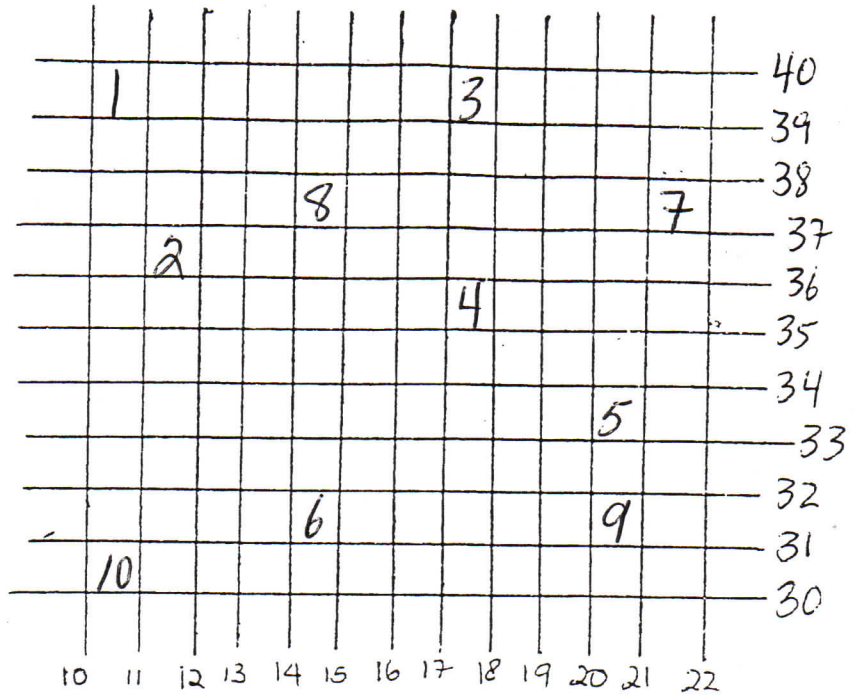
We studied three different types of grid systems which are ways of locating places on a map.

1. Name each grid system and give an example of a type of map for each of the grid systems:
 - i. _____
 - ii. _____
 - iii. _____

2. Complete the military grid reference questions below and place your answers in the space provided for each question.

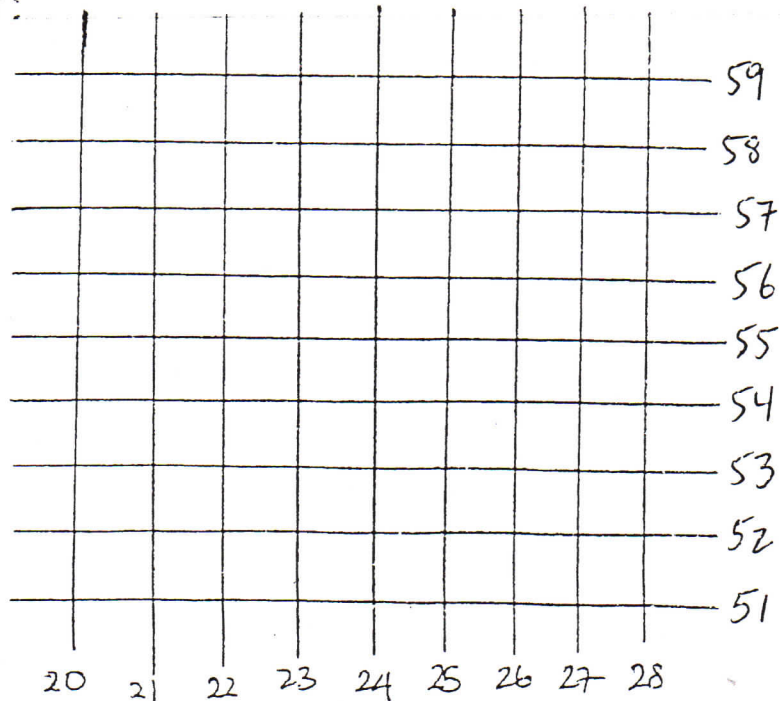
① State the 4-digit grid reference for each of the following:

- 1- _____
- 2- _____
- 3- _____
- 4- _____
- 5- _____
- 6- _____
- 7- _____
- 8- _____
- 9- _____
- 10- _____



② Place a symbol at each of the following grid references:

- 2052 _____
- 2355 _____
- 2656 _____
- 2851 _____
- 2154 _____
- 2759 _____



PART D: LATITUDE AND LONGITUDE

1. Use the latitude and longitude map to give the coordinates for each of the following letters:

	LAT.	LONG.		LAT.	LONG.
A.	_____	_____	F.	_____	_____
B.	_____	_____	G.	_____	_____
C.	_____	_____	H.	_____	_____
D.	_____	_____	I.	_____	_____
E.	_____	_____	J.	_____	_____

****REMINDERS:**

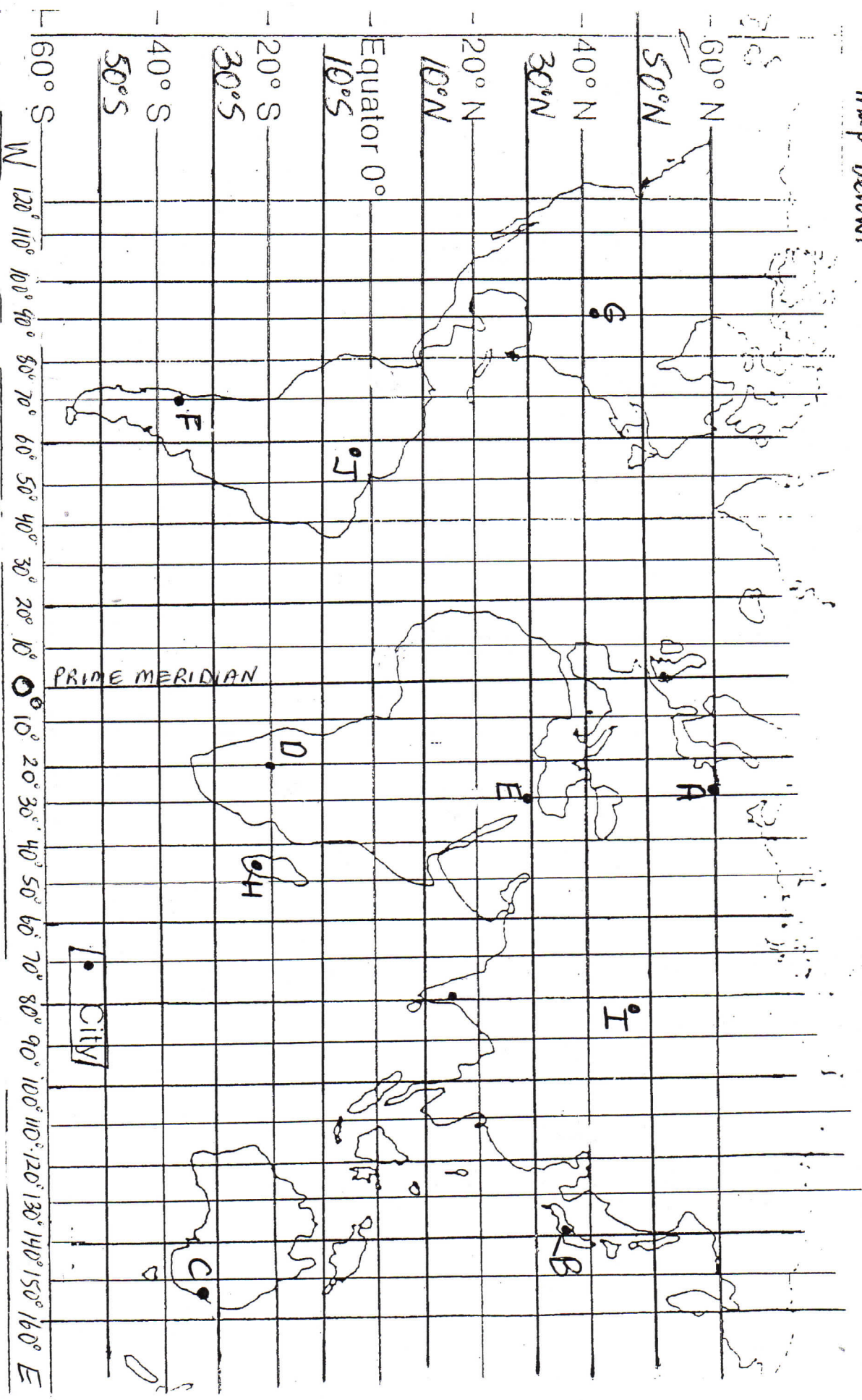
- Always write in direction after degrees (N, S, W, E)

Example: 48° N 120° W

2. Answer the following questions about latitude and longitude.

- _____ measures north and south of the equator.
- _____ measures east and west of the prime meridian.
- The equator is _____ degrees latitude.
- The prime meridian is _____ degrees longitude.
- All lines of longitude meet at the _____.
- The International Dateline is _____ degrees longitude.
- Special lines of latitude are:
 - _____ at _____° N
 - _____ at _____° N
 - _____ at _____° S
 - _____ at _____° S

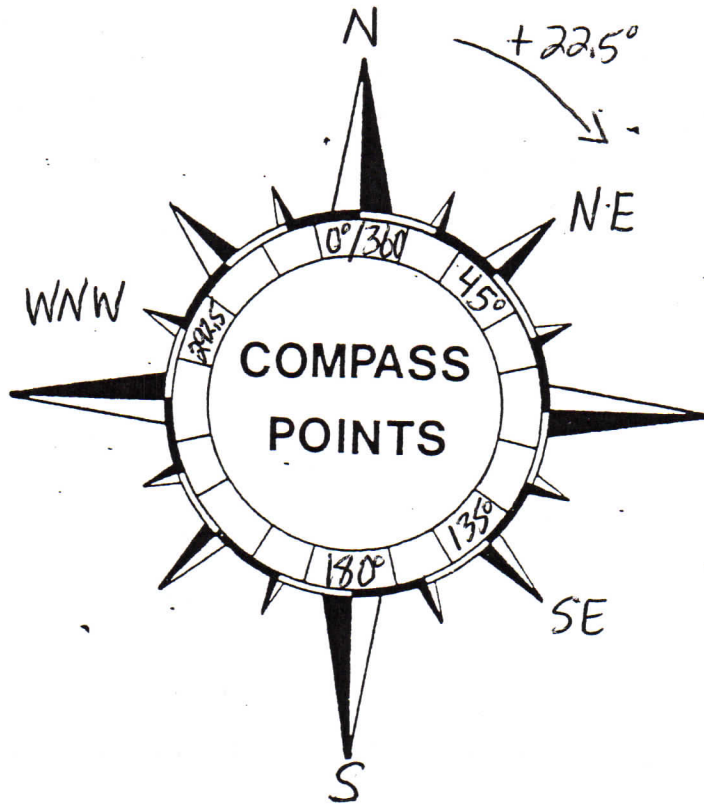
Write the grid coordinates (latitude & longitude) for the points labelled A to J on the map below.



WESTERN

EASTERN

1. Label the directions & degrees of the compass rose below that are missing:



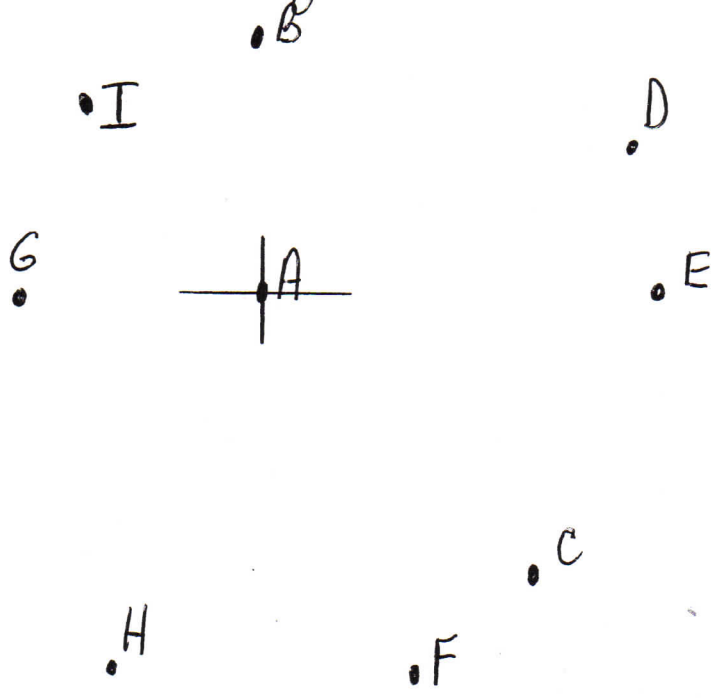
Remember:

For every direction moved to the right add 22.5°

2. Give the direction and degrees for each of the following below. You must use the diagram to answer these questions.

From A what is the direction and degree for each of the following:

- eg. B N 0/360°
- C _____
- D ENE _____
- E _____
- F _____ 157.5°
- G _____
- H _____ 202.5°
- I _____



PART F: TYPES OF MAPS AND SCALES

1. Large scale maps vs. small scale maps:

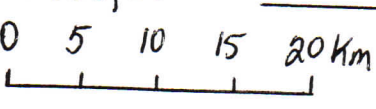
- i) Which type of map shows the greatest detail: _____
- ii) Which type of map shows the largest area: _____
- iii) Which type of map shows a small amount of detail: _____
- iv) Which type of map shows a small area of land: _____

Therefore, a large scale map shows _____
_____, Whereas a
small scale map shows _____
_____.

2a. Name the three types of map scales and give an example for each.

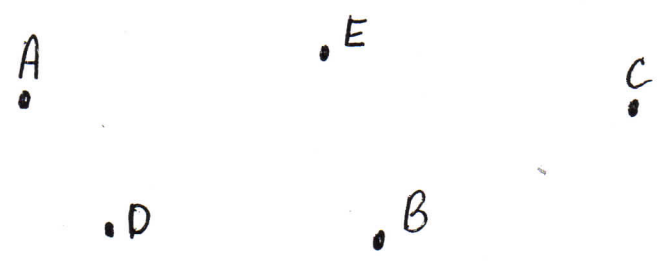
TYPE	EXAMPLE
1. _____	_____
2. _____	_____
3. _____	_____

b. Give the name of the scale for each of the following:

- i) 1cm = 10km _____
- ii) 1:100,000 _____
- iii)  _____

3a. Using the following scale, find the distance in Kilometres between the places listed. 1cm = 5km

- A to B _____
- A to C _____
- A to D _____
- E to B _____
- D to C _____

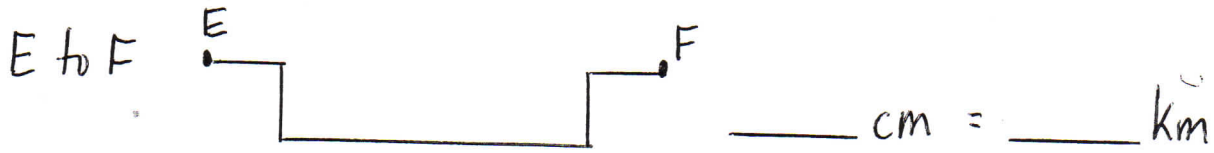
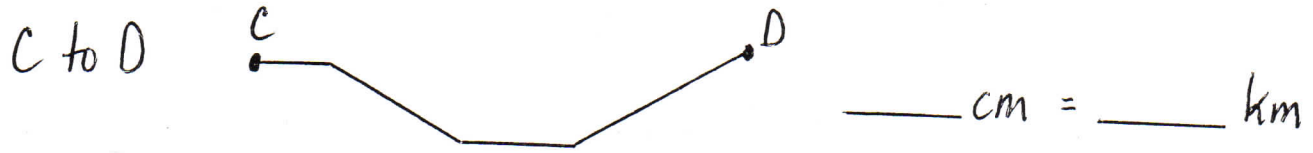
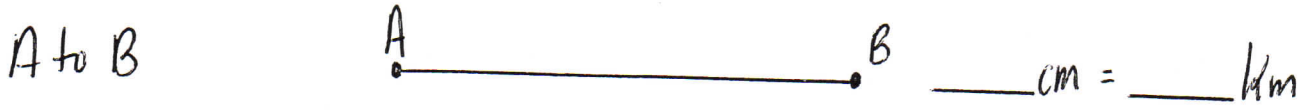


4. Drawing Direct Statements and Line Scales.
 Complete the chart below by filling in the blanks. You need to either write a direct statement or draw a line scale using a ruler.

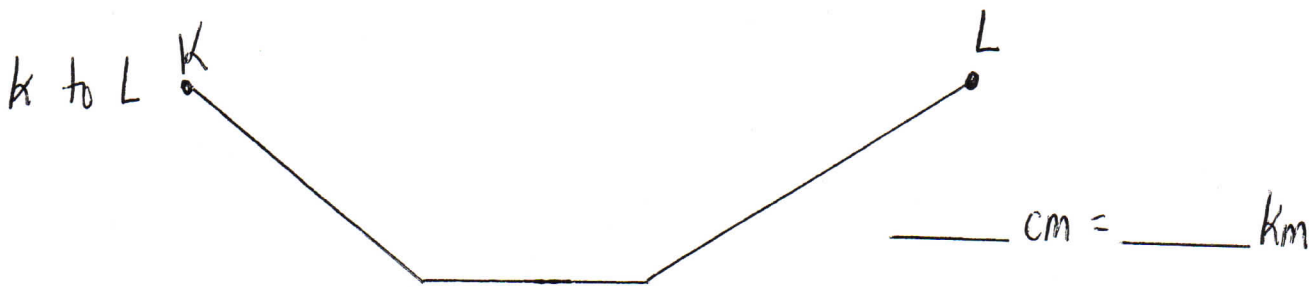
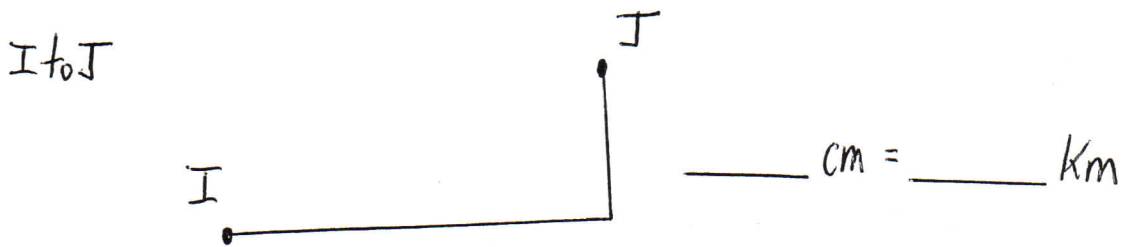
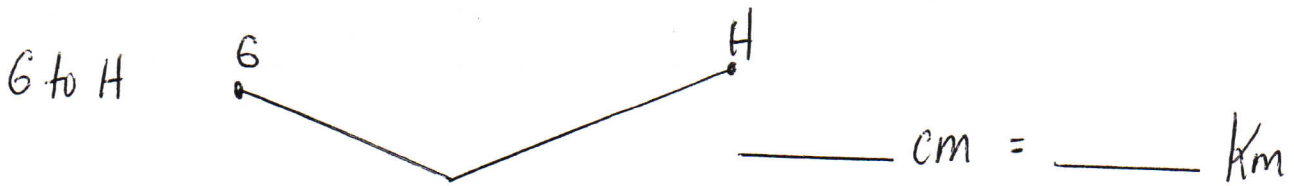
	Direct Statement	Line Scale
A.	$1\text{cm} = 2\text{km}$	
B		 $0 \quad 5 \quad 10 \quad 15 \quad 20\text{km}$
C	$1\text{cm} = .3\text{km}$	
D		 $0 \quad 15 \quad 30 \quad 45 \quad 60\text{km}$
E	$1\text{cm} = 20\text{km}$	
F		 $0 \quad 10 \quad 20 \quad 30 \quad 40\text{km}$
G	$1\text{cm} = 100\text{km}$	

5. Using the following scales, calculate the distance in kilometres for each of the following:

i) Scale is: 1cm = 5km



ii) Scale is: 1cm = 20km



PART G: TIME ZONES

Complete the following with the help of the time zone map in your notes.

1. If it is 10am in the Eastern Time Zone, what time would it be in:

	<i>Change of Hours</i>	<i>Time</i>
a. Mountain	_____	_____
b. Atlantic	_____	_____
c. Central	_____	_____
d. Newfoundland	_____	_____
e. Pacific	_____	_____

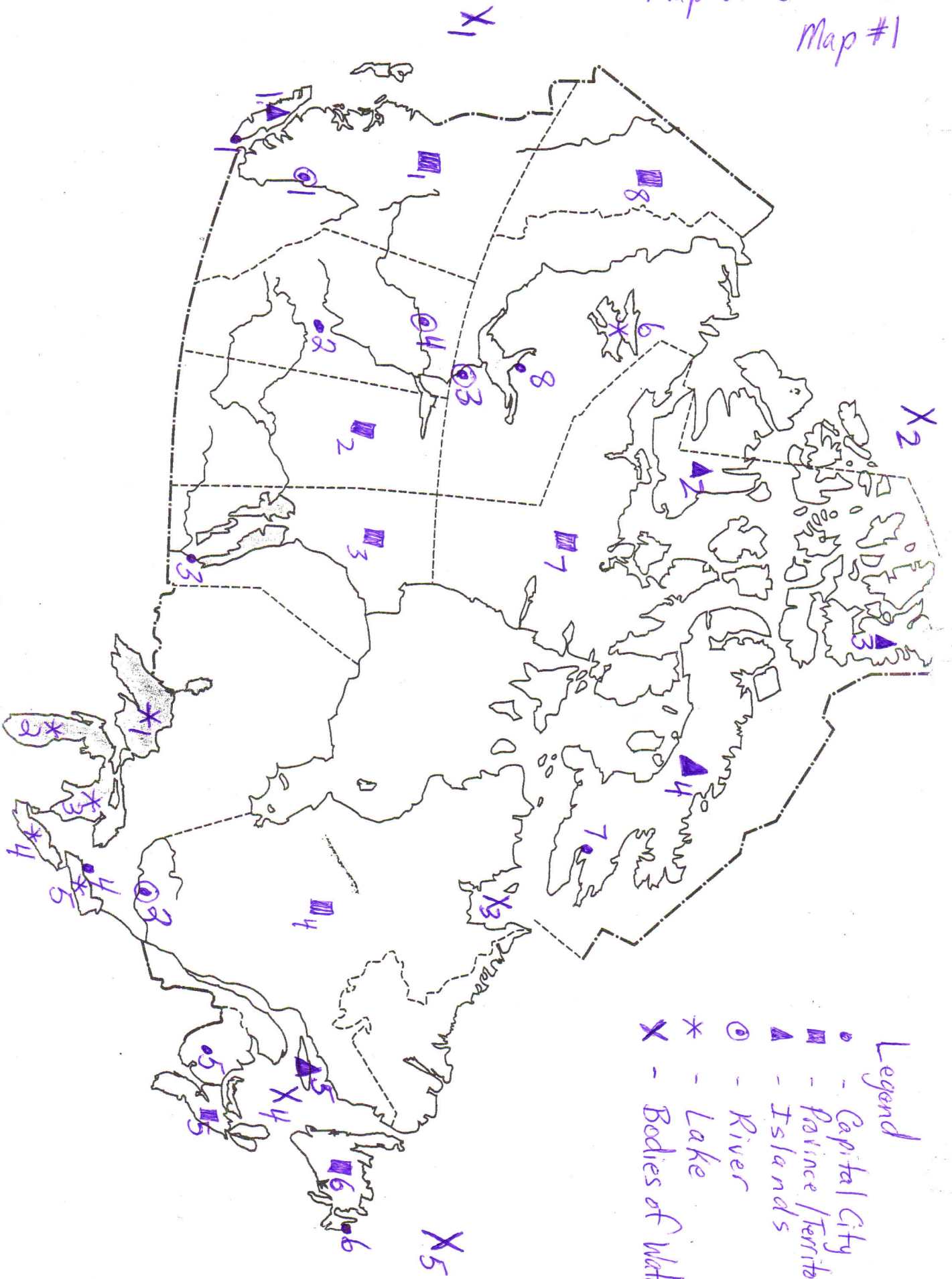
2. If it is the time is.....

Where you see () put the time zone for the place in the bracket.

- a. 6am in Vancouver () _____ in Quebec City()
- b. 11 am in Yellowknife () _____ in St. John's ()
- c. 7:30 am in Ottawa () _____ in St. John's ()
- d. 5 am in Regina () _____ in Winnipeg ()
- e. 11 pm Winnipeg () _____ in Whitehorse ()
- f. 10 pm in Halifax () _____ in Edmonton ()
- g. 8:30am in Edmonton () _____ in Halifax ()
- h. 7 pm in Thunder Bay () _____ in Vancouver ()

3. As you move across Canada from East to West or West to East _____ hours is the total change in time.

Map of Canada 10
Map #1



- Legend
- - Capital City
 - - Province/Territory
 - ▲ - Islands
 - - River
 - * - Lake
 - X - Bodies of Water

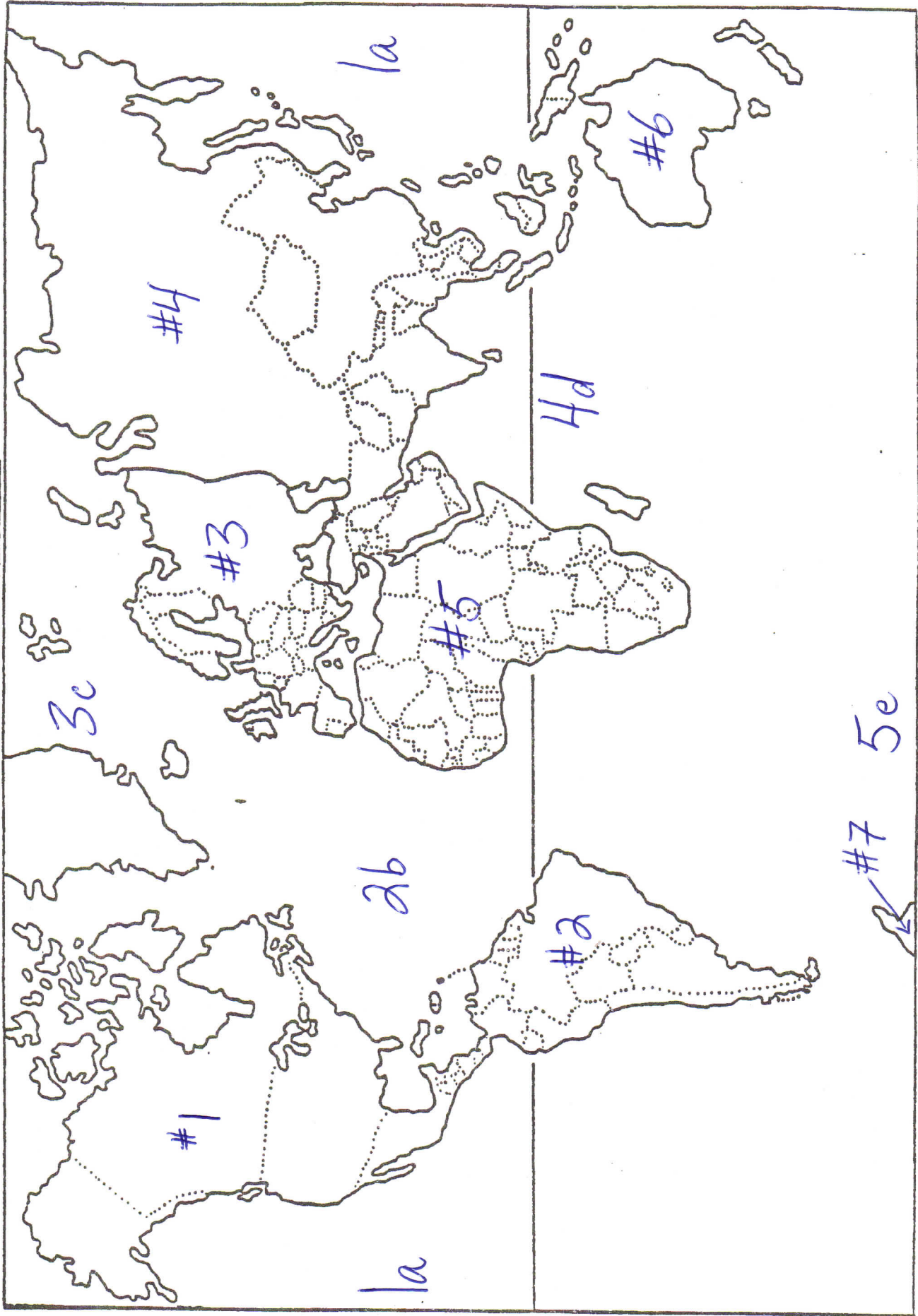
ITY 1 cont'd.

MAP

Map title Continents + Oceans

Name _____

(Map #2)



#7 5e