

TYPES OF GLACIERS AND THE FOUR GLACIATIONS (pages 6-9)

1) How many types of glaciers are there?

2) How are glaciations in the United States named?

3) Name the four types of glaciers, describe each, and give an example of where they can be found today (12pts)

Type of glacier	Describe	example

4) What is the difference between ablation and accumulation? (2 pts)

5) Hundreds of years of accumulation would bring what?

6) Global warming is probably bringing more accumulation or ablation?

7) What is it called when glaciers are shrinking back / disappearing?

8) How fast do most glaciers move?

9) **What** are the intervening warm periods between the glaciations called?

10) **How** are the intervening warm periods between the glaciations **named**?

11) What is the name of the four glaciations and when did each begin? (8pts)

	Name of glaciation	When did it begin?
First Glaciation:		
Second Glaciation:		
Third Glaciation:		
Fourth Glaciation:		

12) How has the glacial drift affected Michigan?

13) How much weight did the glaciers put on Michigan?

14) What happened to Michigan's crust when the ice sheet was on it?

15) How far did our land sink as a result of the weight of the glaciers?

16) What happened to Michigan's crust once the glaciers retreated?