

Part 1.

1. What is drift?

Part 2.

2. Describe a valley glacier.

3. What is the difference between a valley glacier and an ice sheet?

Part 3.

4. Define *snow line*.

5. Can glaciers develop solely below the snow line? Why or why not?

Part 4.

6. Describe how a glacier is born.

Part 5.

7. What is necessary for a valley glacier to occur?

8. Which continent is the only one where valley glaciers don't occur?

Part 6.

9. What is the difference between an ice sheet and a valley glacier?

10. What are small ice sheets called? Large ice sheets?

Part 7.

11. What causes glaciers to move?

12. What causes a glacier to move quickly? How fast can they go?

13. What is a *crevasse*?

Part 8.

14. What determines how low a glacier will go?

15. What is the *ice front*?

16. What determines whether a glacier is receding, remaining stationary, or moving forward?

17. Describe what *calving* is.

Part 9.

18. Draw a picture showing the intersection of two glaciers. Clearly label the moraines (lateral, medial, and end).

19. What is rock flour?

Part 10.

20. How does a glacier erode the rock that it travels over?

21. What are striations?

22. What is a *cirque*?

23. What is an *arête*?

Part 11.

24. What are the characteristics of a glacial valley?

25. What is a *hanging trough*?