

MOVIE--HOW GLACIERS ARE DEFINED

name _____ hr _____

/29

1. Glaciers are masses of recrystallized snow that _____ or have _____ in the past.
2. If it doesn't move its not a _____
3. If it's not on land it is not a _____ either, so icebergs don't count as glaciers.
4. What percent of the freshwater is in glaciers?
5. Newly fallen snow is _____ % air space and _____ % snow.
6. To make a glacier the snow gets _____ instead of _____.
7. Granular ice is called _____.
8. When firn compacts to be 90% solids and 10% air, it is now glacial _____.
9. Once big enough the ice can _____.
10. What force causes it to move?
11. What are the 2 types of glaciers?

1

2
12. Where are the 2 continental glaciers found?

1

2
13. To be considered a continental glacier, how many square kilometers must it cover?
14. The amount of snow added is called _____.
15. The amount of ice lost annually is called _____.

MOVIE- GLACIAL EROSION

16. If a glacier moves forward faster than it melts, then it is _____.
17. If a glacier melts faster than it moves then it is _____.
18. Glaciers always move _____ never backward.
19. If it moves forward at the same rate as the front of the glacier melts we say it is _____.
20. What shape valley does a glacier make?
21. What shape valley does a river make?
22. Scratches made by glaciers are called _____.
23. A hollow shaped by a glacier on the side of a mountain is called a _____.
24. Frost wedging is the opening of crevasses due to _____ and thawing water.
25. _____ glaciers are smaller and feed into larger glaciers.
26. An elevated valley formed by a tributary glacier is a _____ valley.
27. Hanging valleys often make spectacular _____.