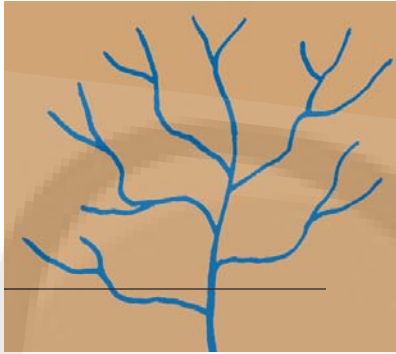


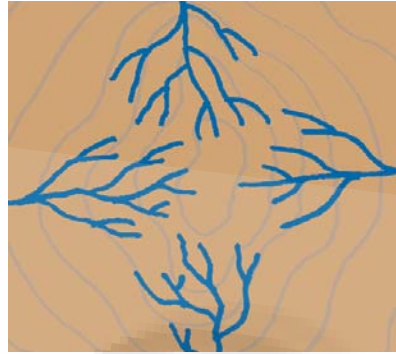
*The parts of a river*

## Summary sheet: Main drainage patterns of rivers

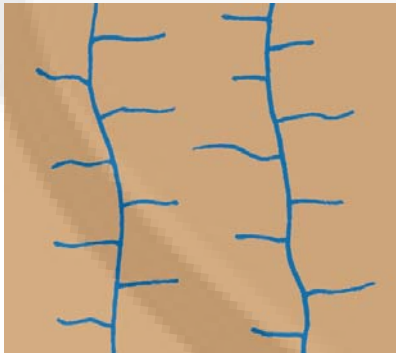
Type of Drainage Pattern	Appearance	Description
dendritic	resembles the branches of a tree or the veins on a leaf	occurs where the land is made of the same type of rock, so that the water flows with the same amount of resistance from all areas, producing a predictable pattern of drainage
radial	streams radiate outward from a peak in all directions	caused by water running down from a high point such as a mountain
trellis	streams flow in roughly the same direction, like a trellis	forms where fractured rock creates parallel grooves that the river naturally follows
rectangular	streams flow as if following a rectangular grid	occurs where hard rock fractures in a grid pattern, and the water follows the rock pattern
centripetal	streams flow toward a central point	occurs where a depression in the land collects water in a central location, often forming a lake



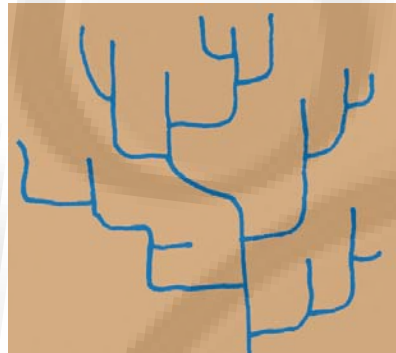
dendritic  
drainage  
pattern



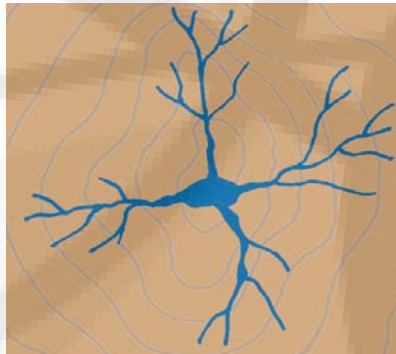
radial  
drainage  
pattern



trellis  
drainage  
pattern



rectangular  
drainage  
pattern



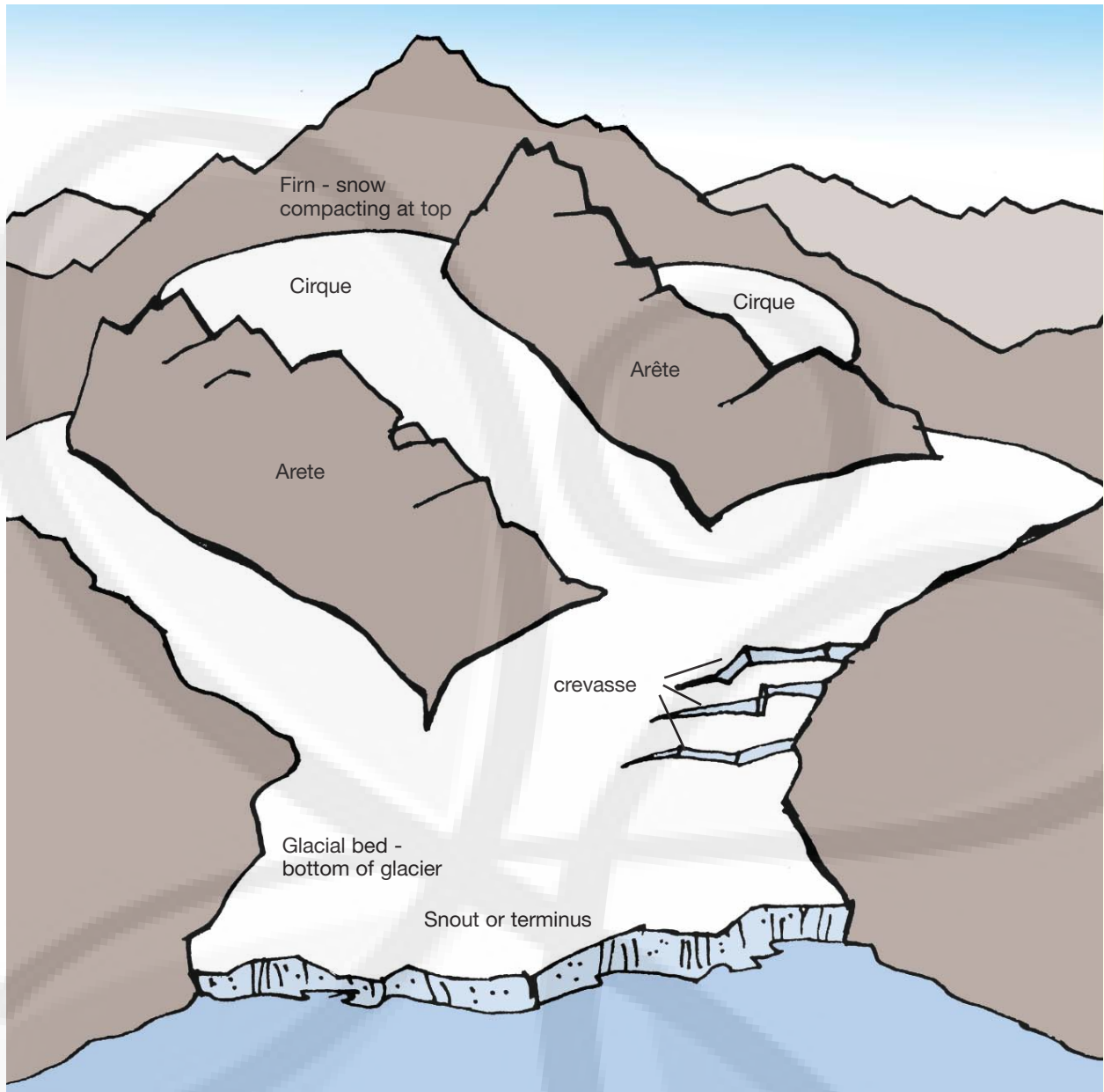
centripetal  
drainage  
pattern

*Drainage patterns*

## Major rivers of the world

Name	Length	Location	Source	Mouth
Nile	4,160 mi (6,695 km)	Africa	Uganda, Kenya	Egypt
Amazon	4,000 mi (6,400 km)	South America	Peru	Brazil
Yangtze	3,900 mi (6,300 km)	Asia	China	China
Mississippi-Missouri-Red Rock	3,710 mi (5,970 km)	North America	US	US
Yenisey-Angara	3,450 mi (5,550 km)	Asia	Russia	Russia
Huang He (Yellow River)	3,395 mi (5,464 km)	Asia	China	China
Ob'-Irtys	3,362 mi (5,410 km)	Asia	Russia	Russia
Rio Paraña-Rio Grande	2,800 mi (4,500 km)	South America	Brazil	Argentina
Amur-Shilka	2,744 mi (4,416 km)	Asia	Russia	Russia
Lena	2,728 mi (4,400 km)	Asia	Russia	Russia
Congo	2,718 mi (4,374 km)	Africa	Zambia	Zambia
Mackenzie-Peace-Finlay	2,635 mi (4,241 km)	North America	Canada	Canada
Mekong	2,610 mi (4,200 km)	Asia	China	Vietnam
Niger	2,600 mi (4,180 km)	Africa	Guinea	Nigeria

Source: Microsoft Encarta 2006. "World's Longest Rivers." Microsoft Corporation. One Microsoft Way, Redmond, WA, 95052-6399. DVD, CD-ROM.



*The parts of a glacier*