

Name

Key

Date

## Glacial Features and Deposits

Describe the following in your own words:

### General Glacier Vocab

- Alpine glacier: <sup>mountain glacier</sup> side of a mountain - as ice moves cuts out parts of mountain
- Ice sheet: 50,000 km → continental glaciers  
Ice Ages - Advance and Retreat
- Accumulation/Ablation:  
increase decrease (melting into atmosphere or ocean)
- Advance/Retreat: pressure  
Advance - gaining - moves forward  
Retreat - melting - moves backward
- Glacial valleys are U shaped - Trough  
Finger lakes - deep not wide
- Glacial till:  
Left behind from glacier. Picked up by glacier then left → Unsorted
- Moraine:  
→ pile of till (sediment)
  - Medial: - sediment in the middle
  - Lateral: - sediment that moved to the side
  - Terminal: end pile of sediment

### Erosional Features

- Cirque: bowl shaped
- Arête: steep ridge
- Horn: 3 arête put together (peak)

- Hanging valley: <sup>(small)</sup> Tributary glacier from main glacier (usually water fall)
- Fjord: glacial troughs filled with glacial water

#### Depositional Features

- Drumlin:  glacier moves
- Kame: pile of sediment (pile of dust)
- Kettle lake: pile of ice that melts
- Outwash plain:
- Erratic:
- Striations: