

## BrainPop-Glaciers

- 1) Which of the following statements is true about glaciers?
  - a) They often move at a rate of 2 cm per hour
  - b) They exist on every continent except Africa
  - c) Antarctica is covered with continental glaciers
  
- 2) When do arêtes and horns form?
  - a) When a valley glacier moves down a mountainside
  - b) When a continental glacier drags rocks along with it
  - c) When two or more glaciers erode a mountain summit
  
- 3) How are valley glaciers different from continental glaciers?
  - a) They require less snow and can form at warmer temperatures
  - b) They require more snow and form at colder temperatures
  - c) They are only found in valleys
  
- 4) A cirque is shaped like a...
  - a) cylinder
  - b) sphere
  - c) crater
  
- 5) Which is a sign that a valley glacier has moved through the area?
  - a) Pock-marks
  - b) Striations and grooves
  - c) Water deposits
  
- 6) How do glaciers erode the land?
  - a) By picking up soil and rocks and depositing them in new locations
  - b) By picking up water from lakes & streams and carrying it to the ocean
  - c) By lowering the atmospheric pressure; causing intense windstorms
  
- 7) What happens when layers of snow keep piling up?
  - a) The bottom layers are compressed into ice
  - b) The bottom layers melt into water
  - c) The top layers are compressed into ice
  
- 8) When do glacial movements begin?
  - a) When the top layers of a glacier outweigh the bottom layers
  - b) When it gets below 0 degrees Celsius
  - c) When the bottom layer of snow becomes slippery and putty-like