

**Weathering and soils**

1. With increasing **temperature**, what happens to the following processes? (2 pts each)

(a) Precipitation rate \_\_\_\_\_ (up or down?); Why?

(b) Glacial extent \_\_\_\_\_ (up or down?); Why?

(c) Chemical weathering rate \_\_\_\_\_ (up or down?); Why?

(d) Mechanical weathering rate \_\_\_\_\_ (up or down?); Why?

2. Describe 2 chemical and 2 mechanical weathering processes that act on the landscape? How do they operate? (4 pts each)

Chemical weathering processes	Mechanical weathering processes
A)	B)
A)	B)