

Youngest

\_\_\_\_\_\_\_Erosion

\_\_\_\_\_\_\_Dike L

\_\_\_\_\_\_\_J

\_\_\_\_\_\_\_I

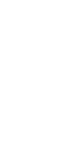
\_\_\_\_\_\_\_Erosion

\_\_\_\_\_\_\_Fault M

Fault M must be younger than E, but it could have occurred anywhere in between F, G, H, Tilting, and Erosion. All we know for sure is that is happened after E but before the next erosion event.

\_\_\_\_\_\_\_Tilting

\_\_\_\_\_\_\_H



\_\_\_\_\_\_\_G

\_\_\_\_\_\_\_F

\_\_\_\_\_\_\_E

\_\_\_\_\_\_\_D

\_\_\_\_\_\_\_C

\_\_\_\_\_\_\_Erosion

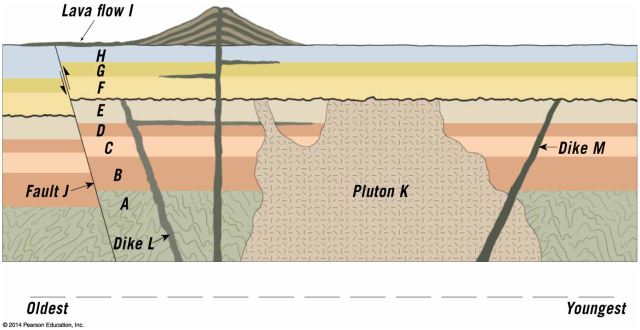
\_\_\_\_\_\_\_Tilt

\_\_\_\_\_\_\_K

\_\_\_\_\_\_\_B

Oldest

\_\_\_\_\_\_\_A



Youngest



\_\_\_\_\_\_\_Lava Flow I (with dike, sills, and volcano)

\_\_\_\_\_\_\_Erosion

\_\_\_\_\_\_\_Fault J

\_\_\_\_\_\_\_H

\_\_\_\_\_\_\_G

\_\_\_\_\_\_\_F

\_\_\_\_\_\_\_Erosion

\_\_\_\_\_\_\_Dike M

\_\_\_\_\_\_\_Pluton K

\_\_\_\_\_\_\_Dike and Sill L

\_\_\_\_\_\_\_E

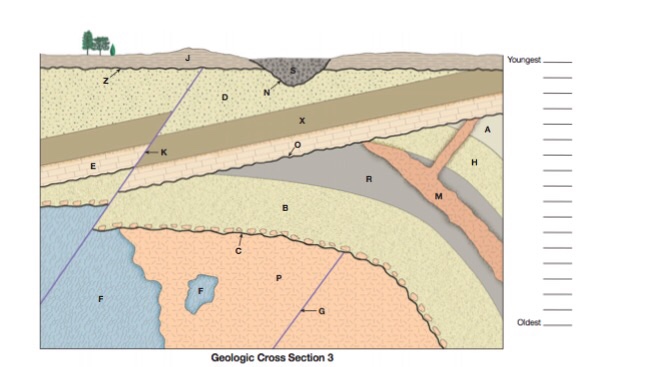
\_\_\_\_\_\_\_D

\_\_\_\_\_\_\_C

\_\_\_\_\_\_\_B

Oldest

\_\_\_\_\_\_\_A



Youngest



(Metamorphic)

(pluton)

In this diagram, the unconformities are assigned their own letters, but please still list them in your list of events as “erosion” – this is what I will require you to do on the test

\_\_\_\_\_\_\_S

\_\_\_\_\_\_\_Erosion of channel (N)

\_\_\_\_\_\_\_J

\_\_\_\_\_\_\_Erosion (Z)

\_\_\_\_\_\_\_Fault K



\_\_\_\_\_\_\_Tilting

\_\_\_\_\_\_\_D

\_\_\_\_\_\_\_X

\_\_\_\_\_\_\_E

\_\_\_\_\_\_\_Erosion

\_\_\_\_\_\_\_Dike M

\_\_\_\_\_\_\_Folding

\_\_\_\_\_\_\_A

\_\_\_\_\_\_\_H

\_\_\_\_\_\_\_R

\_\_\_\_\_\_\_B

\_\_\_\_\_\_\_Erosion

\_\_\_\_\_\_\_Pluton P

\_\_\_\_\_\_\_Metamorphic F

Oldest