

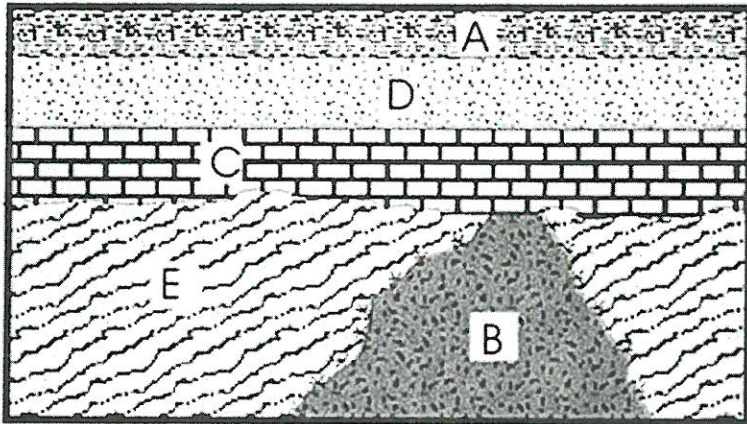
Relative Dating Diagrams:

Name: _____

Date: _____

Period: _____

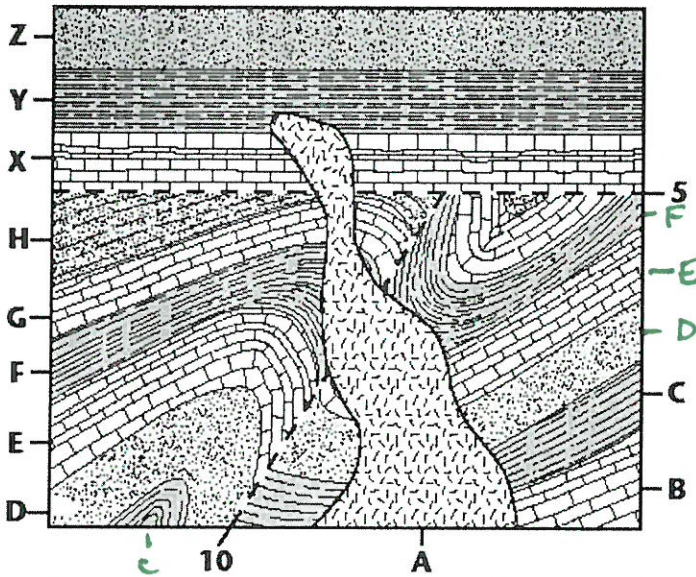
In your lab groups work together to determine the relative ages of the following diagrams. Sometimes they include letters and numbers in which the numbers are the rock layers and the numbers are events (faults, etc.)



OLD
E, B, C, D, A
↑
invasion
EROSION
YOUNG

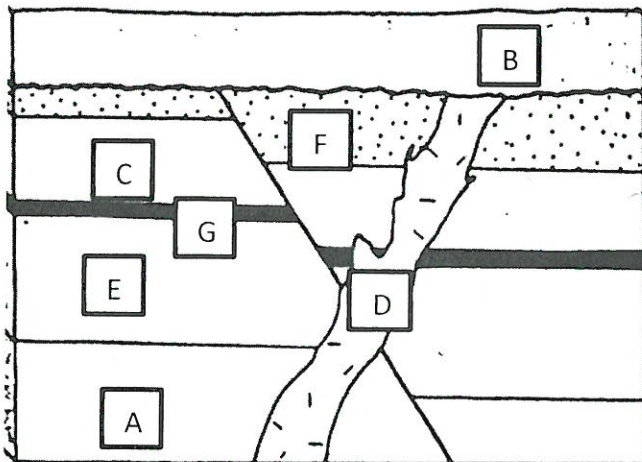
Youngest _____

Oldest _____



OLD
B, C, D, E, F, G, S, 10, X, Y, Z
↑
FOLD
↑
FAULT
↑
EROSION
YOUNG

EARLIEST POINT
A COULD HAVE
INTRUDED

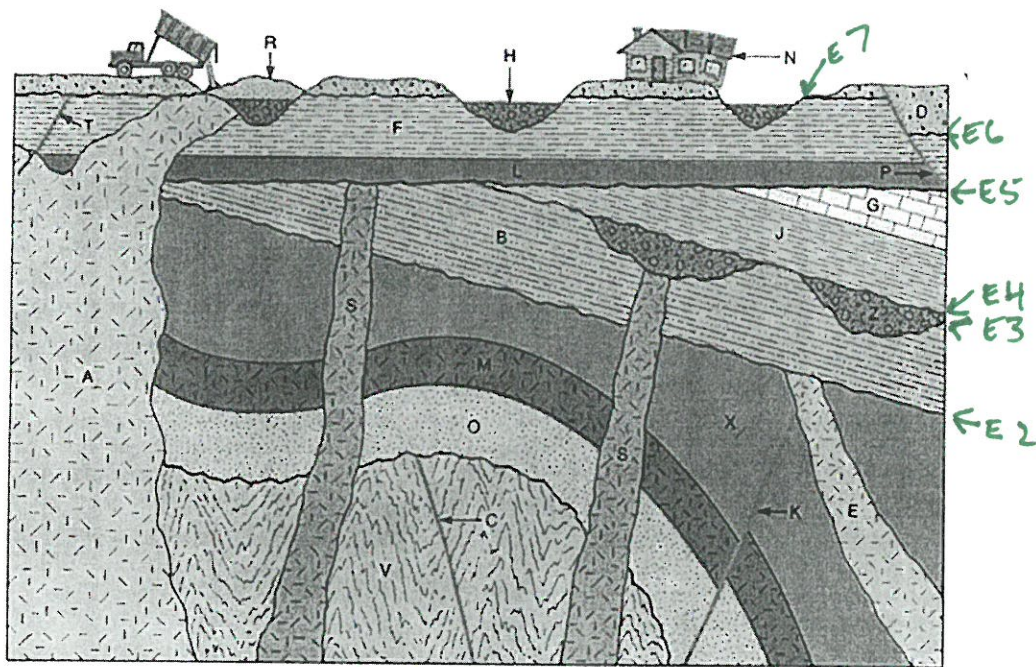


OLD
A, E, G, C, F, D, 2, B
↑
EROSION
FAULT
↑
INTRUSION
YOUNG

↑



CONTACT METAMORPHISM



OLD
 FOLD
 INTRUSION
 FAULT
 INTRUSION
 FAULT

V, C, E1, O, M, X, K, E, E2, B, S, E3, Z, E4, J, G, E5, L, F, T, A, E6, D, E7, N, H, R

FAULT
 TILT
 FAULT