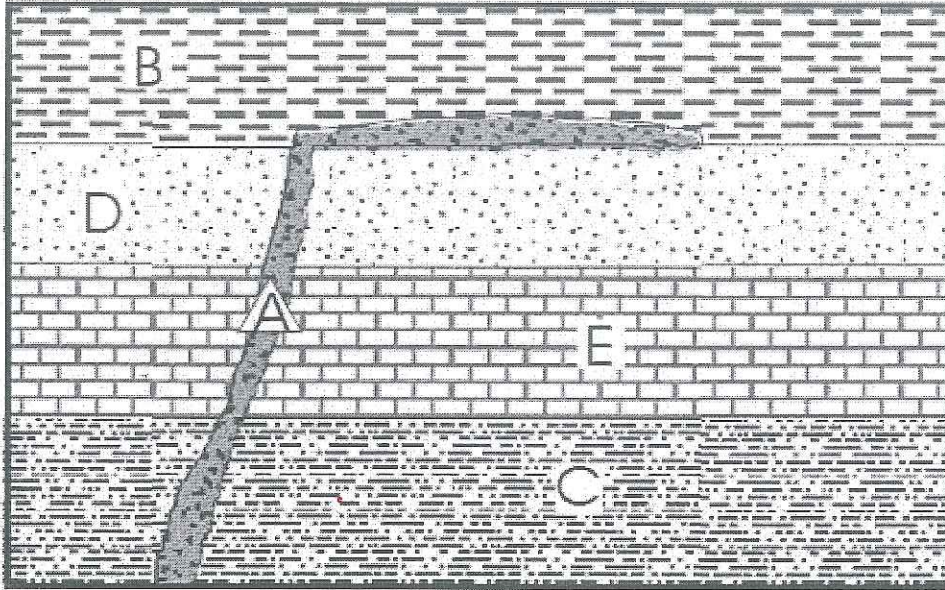


### Relative Age Dating Activity

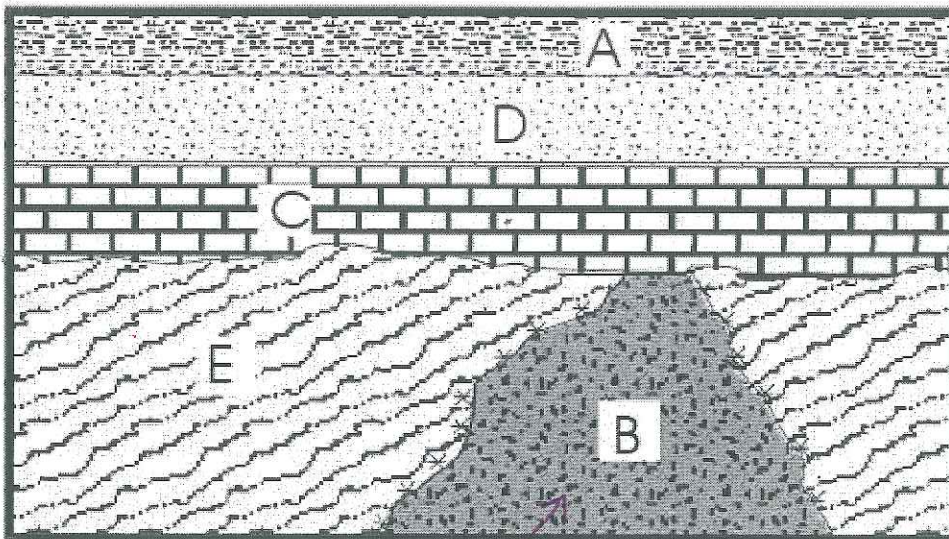
For each of the following cross sections, determine the relative age sequence of the rocks. Place the answers in the spaces on the right. Remember, always start by looking for the oldest rock first and working your way from oldest to youngest. Don't forget to consider all intrusions and faults! The diagrams go from simplest to hardest to let you progressively improve your skills.

Figure 1:



Youngest B  
A  
D  
E  
 Oldest C

Figure 2:

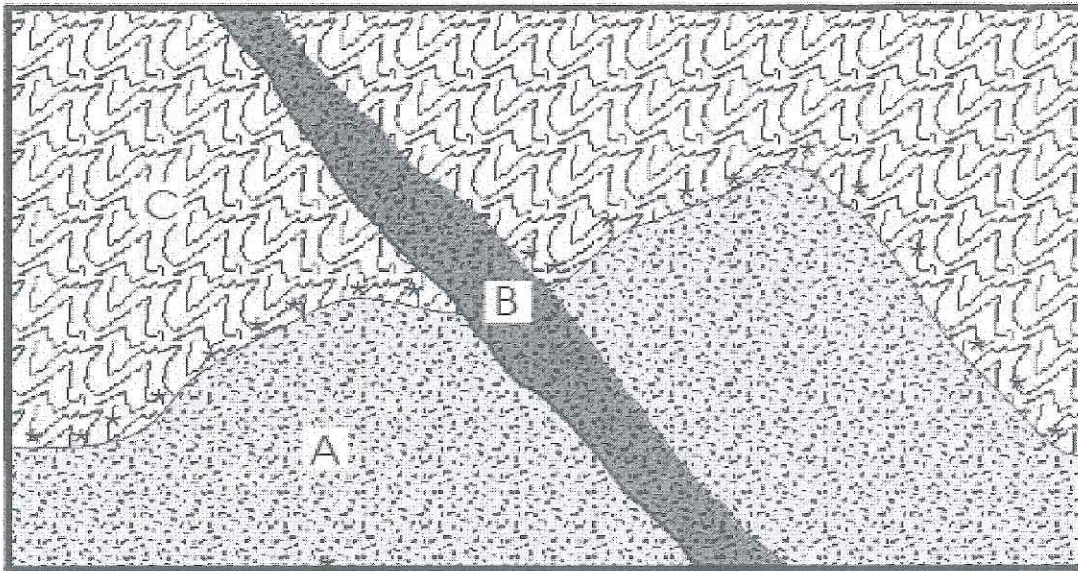


Youngest A  
D  
C  
B  
 Oldest E

*Newer due to fresh new magma!*



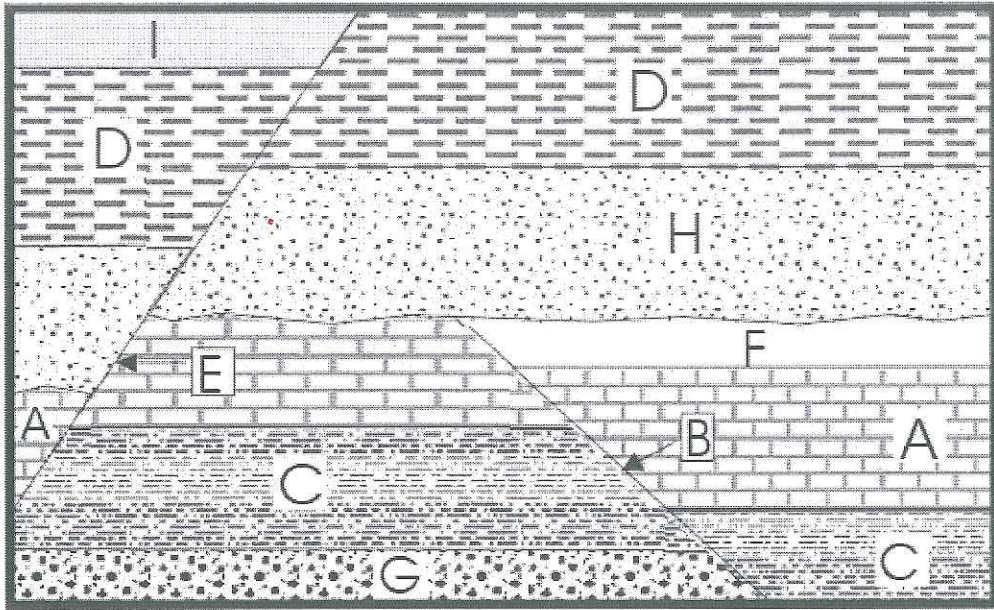
Figure 3:



Youngest B  
C  
 Oldest A

*cuts through all layers*

Figure 4:

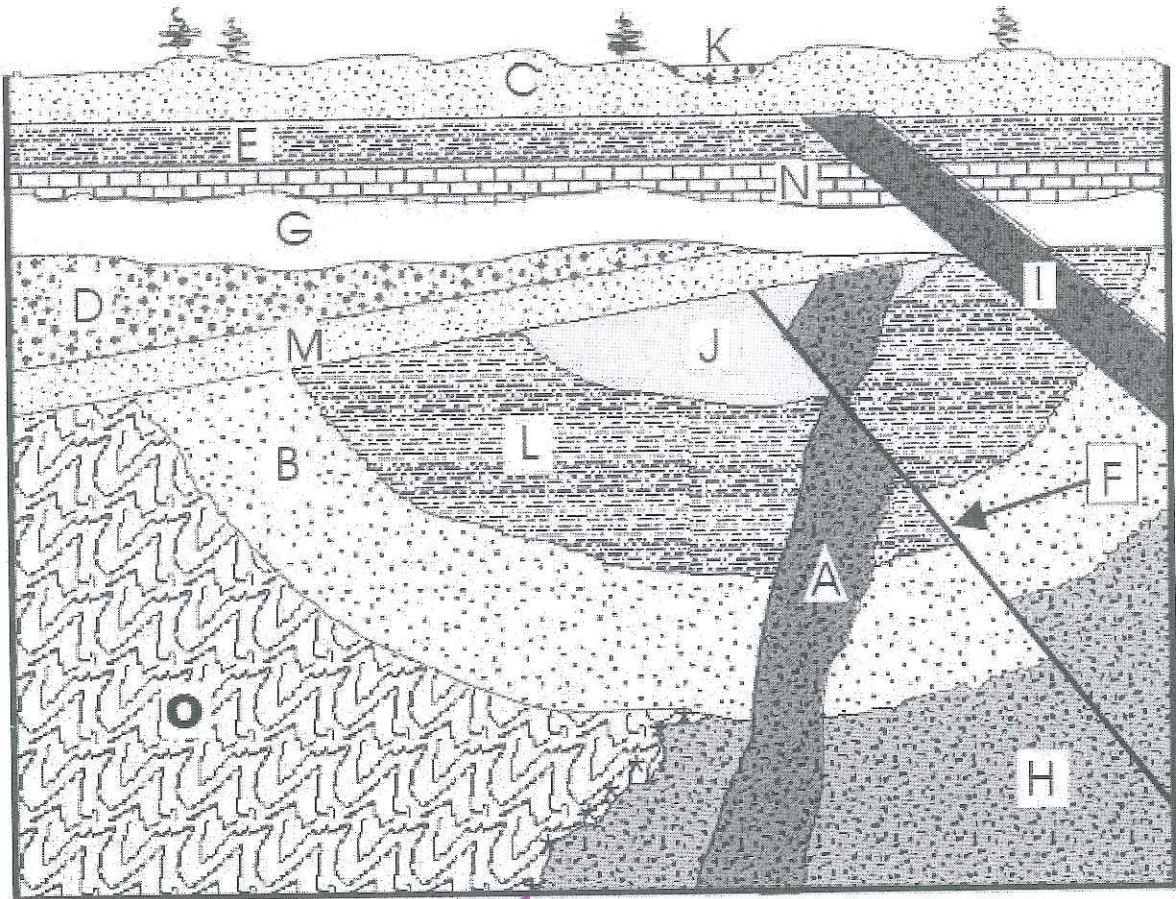


Youngest E  
I  
D  
H  
B  
F  
A  
C  
G  
 Oldest G





Figure 6:



- Youngest
- K
  - C
  - I
  - E
  - N
  - G
  - D
  - M
  - F
  - A
  - J
  - L
  - B
  - H
- Oldest
- O

Metamorphic Rock