

3. (5 Points): What kind of fault is displayed in Figure 1?

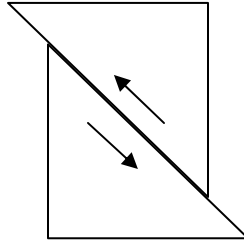


Figure 1. *Cross-sectional view.* Arrows indicate relative movement of fault blocks.

4. (5 Points): What kind of fault is displayed in Figure 2?

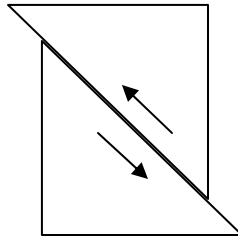


Figure 2. *Plan view.* Arrows indicate relative movement of fault blocks.

5. (5 Points): What is a major limitation in the use of absolute time dating techniques in calculating the age of sedimentary reservoir rocks?

Week 3--Reservoir Rock and Source Rock Types

1. (2.5 Points): Provide one example of each.
 - 1) Clastic sedimentary rock:
 - 2) Chemical sedimentary rock:
 - 3) Organic sedimentary rock:

2. (2.5 Points): Provide the geologic symbol for each of the following sedimentary rocks.
 - 1) Shale:
 - 2) Sandstone:
 - 3) Limestone:
 - 4) Dolomite:

3. (10 Points) Draw a cross section showing a regression immediately overlain with a transgression. Use the appropriate symbols provided in the previous question.

