

Name: _____

“Mystery of Blacktail Canyon” Assessment

iVFT Course Score:

Answer the following questions using the information you learned following the iVFT “Mystery of Blacktail Canyon” course.

1. List several features of the rock units (sedimentary vs. metamorphic) that allow you to distinguish them from each other.
2. Using Steno's Laws, explain how we know the sedimentary rocks are younger than the metamorphic rocks.
3. Is sandstone a clastic or chemical sedimentary rock?
4. What process causes metamorphic rocks to become foliated?
5. What two processes occurred within the past 70 million years to expose the rocks of the Grand Canyon?

Extra Credit: What type of unconformity is the “Great Unconformity”?