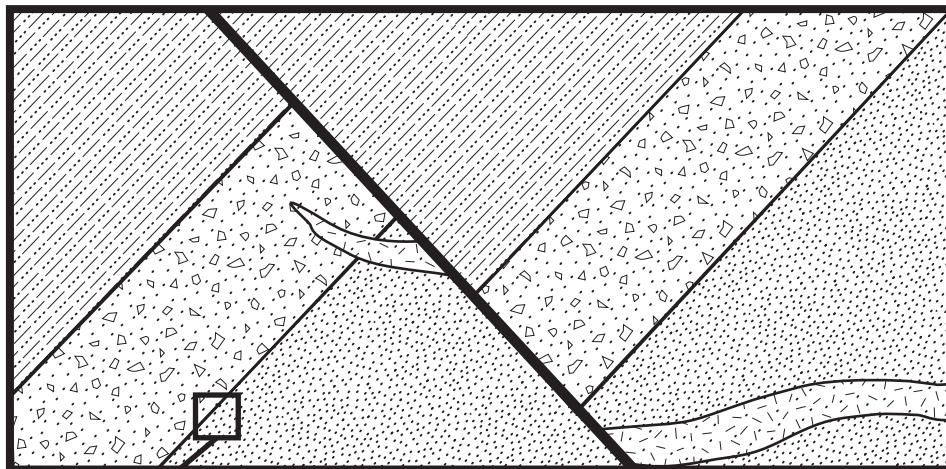



Answer the following questions based on the cross-section below(4 points each).



Sedimentary Rock Formations

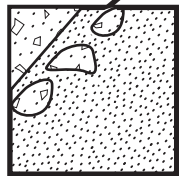
 Chester Breccia

 Fort Mill Shale

 York Sandstone

Igneous Rock Formation

 Dillworth Granite



1. Based on the cross section above, put the four rocks in the correct relative age dating order.

Youngest _____

Oldest _____

2. What correlation principle allowed you to determine the relative ages of the Chester Breccia and York Sandstone?

3. What correlation principle allowed you to determine the relative ages of the Dillworth Granite and the Chester Breccia?

4. What correlation principle allowed you to determine the relative ages of the Fort Mill Shale and Chester Breccia?

5. Which geologic feature is older: The **fault** or the **Dillworth Granite** (circle your answer).

What correlation principle allowed you to make that determination? _____