

Earth System Science Take-home quiz due 9/3/04

Name: _____

1. Determine the relative order in which rock units A, C, F, G, and H formed. (Number the units from 1 to 5, with 1 being the oldest unit.)
2. Briefly explain how you know each unit formed in that particular order.

Unit A: Number in order: 5

Why?

It is the youngest unit, because it lies on top of all the other units and is not cut by any of them.

Unit G: Number in order: 4

Why?

It cuts across C, and A lies on top of it.

Unit C: Number in order: 3

Why?

It lies on top of F (and F does not cross-cut it), and is cut by G.

Unit F: Number in order: 2

Why?

It cross-cuts H, and is cut by G.

Unit H: Number in order: 1

Why?

It is cross-cut by F and G, and layer C lies on top of it.

