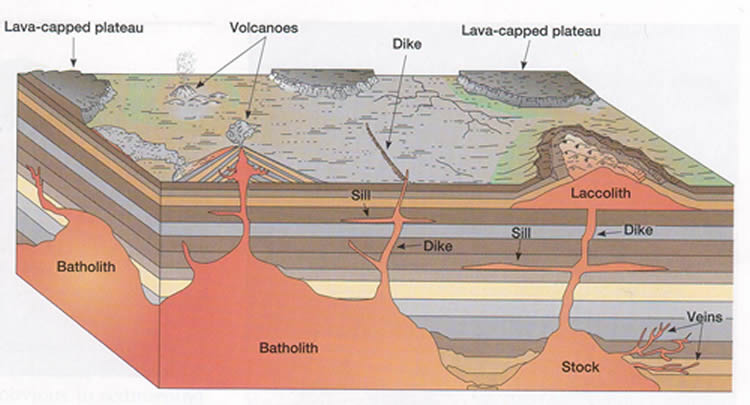
**Structures of the Earth’s Surface**

Unit 2: Tectonic Processes

Geography 12

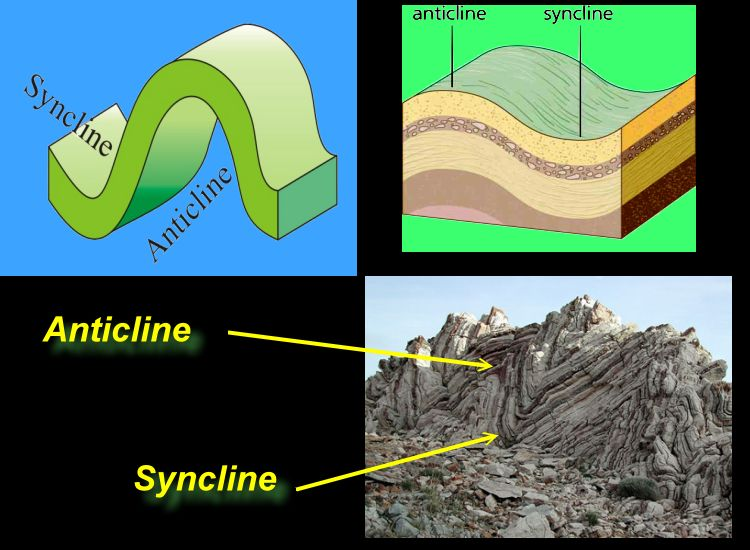
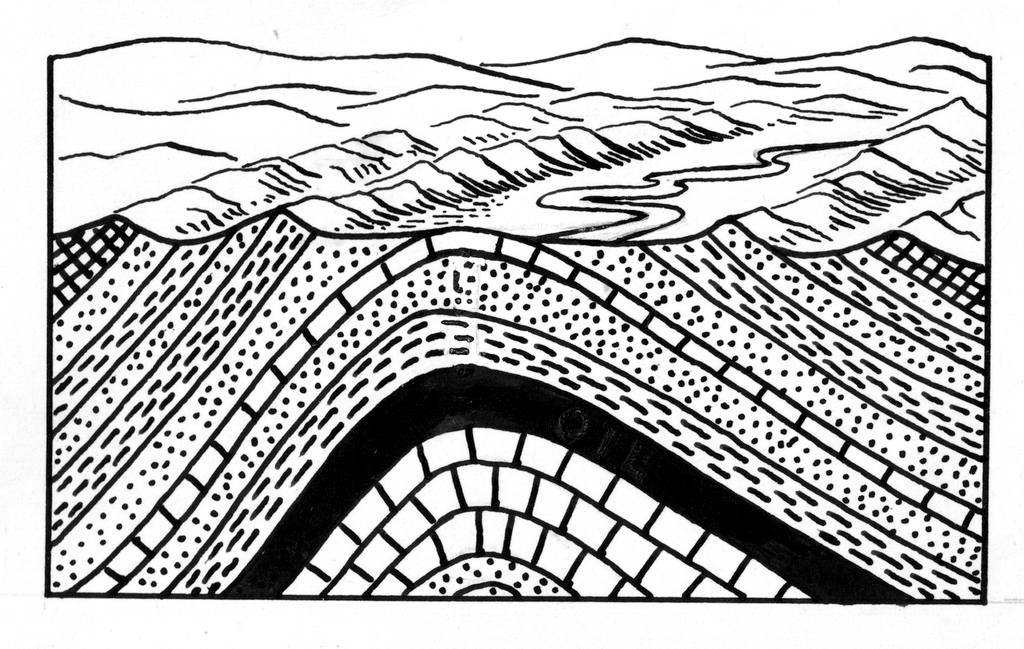
* **Extrusive Forms:** when magma flows out onto the surface it is said to extrude 🡪 structures are called **extrusive forms**.
* **Intrusive Forms:** magma that penetrates the lithosphere and does not reach the surface. It solidifies in cracks 🡪 intrudes upon overlying rocks 🡪 structures are intrusive forms.



**Deformation of the Earth’s Surface**

**Faulting and Folding**

* Forces of **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (pushing together)** and **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (pulling apart)** play a role in the folding and faulting of rock layers.
* Upfolds 🡪 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* Downfolds 🡪 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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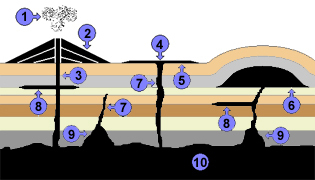
**Landforms produced by faulting:**

|  |  |
| --- | --- |
| **1. Normal Fault** |  |
| **2. Reverse Fault** |  |

|  |  |
| --- | --- |
| **3. Rift Valley or Graben** |  |
| **4. Block Mountain or Horst** |  |

**Post Lecture Questions:**

Identify the features at locations 1 though 10 using the following terms: **batholith, fissure, lava flow, volcanic ash, laccolith, sill, dike, stock, volcano, volcanic chamber**.



1.

2.

3.

4.

5.

6.

7.

8.

9.

10.