Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rocks Notes

•Three Types of Rocks

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

•\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_ cools and solidifies

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: wind, water, or ice breaks a rock down into sediment

2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: sediment carried away elsewhere

3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: sediment buried under more sediment, pressed together

4.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: water evaporates, leave crystals of dissolved minerals behind to ‘glue’ sediment together

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

•Existing rock undergoes \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_ change makes new rock (doesn’t melt!)

* **Igneous Features**

•\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: from lava, cooled on \_\_\_\_\_\_\_\_\_\_\_quickly

•\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_ crystals, can’t tell minerals apart

•\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: from \_\_\_\_\_\_\_\_\_\_\_\_\_, cooled slowly underground

•\_\_\_\_\_\_\_\_\_\_ crystals, can tell minerals apart

* **Sedimentary Features**

•\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: made from other rocks / pebbles / sand

•\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: minerals dissolved in water, water evaporated, minerals crystallized

•\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: made from once-living things

* **Metamorphic Features**

•\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: has stripes, or all minerals are lined up

•\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: no stripes, minerals not lined up