

I Fill the spaces:

19/20

1. Earth's major sphere is the Mantle and it forms ~~50~~ 1 of the Earth's volume.

2. Uniformitarianism is a doctrine put down by a person named James Hutton.

3. False Gold is a name given to the mineral ~~Pyrite~~ Pyrite with its chemical formula FeS<sub>2</sub>.

2 Define the followings:

3 1. A mineral is a naturally occurring inorganic solid that possesses an orderly crystalline structure and a well defined chemical composition.

3 2. Asthenosphere is lower part of the upper mantle with thickness of 700km, it is a weak and hot part that is capable of gradual flow (earthquakes occur because of it) viscous layer

3 3. Earth's inner core the inner part of the earth, its main component is Iron, high pressures and temperatures are present, it is a solid part. 1216

3 4. Silicates: are the most common mineral group, it has the same building blocks (Silicon and Oxygen) in a tetrahedron shape, it links to a positive ion to act as a glue to link tetrahedrons together (2 types of silicates → dark and light).

3 5. Metamorphic rocks: are type of rocks in which a rock changes to another rock because of high temperatures