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|  | Question | Answer |
| 1 | What are the 3 types of rocks? | Igneous, Sedimentary, Metamorphic |
| 2 | What characteristics do ALL minerals share?  | Naturally formed, inorganic, have a crystalline structure, have a definite chemical composition. |
| 3 | What are the 5 characteristics scientists can use to determine what an unknown mineral is? | Density, hardness, color/streak, luster, cleavage/fracture |
| 4 | An \_\_\_ is a mineral that can be mined for a profit. Give 2 examples. | Ore, Gemstones, Gold |
| 5 | Igneous rock that forms inside of the Earth is called \_\_\_\_ rock. If it forms on the outside of the Earth, it is called \_\_\_\_ rock. | Intrusive, Extrusive |
| 6 | If an igneous rock cools slowly, it forms \_\_\_\_ crystals. | Large |
| 7 | How are metamorphic rocks formed? | Rocks are exposed to extreme heat, pressure, or hot liquids causing a change in the crystal structure |
| 8 | Metamorphic rocks that have alternating layers of light and dark grains have a \_\_\_\_ texture. If they do not have layers, they have a \_\_\_\_ texture. | FoliatedNonfoliated |
| 9 | The sediments in sedimentary rocks are held together by \_\_\_\_ \_\_\_\_ in a process called \_\_\_\_. | Natural cementsLithification |
| 10 | Rocks are classified into 1 of 3 groups based on \_\_\_\_. | How they are formed |
| 11 | The \_\_\_\_ shows how rocks can change from one type of rock to another. | Rock Cycle |
| 12 | The individual pieces that make up a single rock are called \_\_\_\_. | Grains |
| 13 | The hardest minerals is \_\_\_\_. The softest mineral is \_\_\_\_. | DiamondTalc |
| 14 | If a mineral breaks along straight lines, it is said to show \_\_\_\_. If it breaks along jagged lines, it is said to show \_\_\_\_. | CleavageFracture |
| 15 | In what 2 ways do atoms form minerals? | When molten rock coolsWhen water containing dissolved minerals evaporates. |