Science Test – Chapter 14 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| 1. \_\_\_\_ accretion | 1. Having the property of emitting visible light after removal from a light source |
| 1. \_\_\_\_ carat | 1. A mineral identification test made by rubbing a specimen across an unglazed porcelain tile and observing the color of the mark |
| 1. \_\_\_\_ cleavage | 1. The characteristic manner in which a mineral breaks when it does not exhibit cleavage |
| 1. \_\_\_\_ dredging | 1. The enlargement of a crystal by the additional attachment of particles |
| 1. \_\_\_\_ fluorescent | 1. A method of underwater mining in which huge volumes of placer deposits are mechanically collected |
| 1. \_\_\_\_ fracture | 1. Containing carbon particles; from living material |
| 1. \_\_\_\_ lodestone | 1. A comparison of the weight of a mineral to an equal volume of water |
| 1. \_\_\_\_ magnetism | 1. A property of minerals; tendency to split along certain lines or planes |
| 1. \_\_\_\_ organic | 1. Having the property of emitting visible light when exposed to ultraviolet rays |
| 1. \_\_\_\_ phosphorescent | 1. A stone that attracts iron as a magnet does; a kind of magnetite |
| 1. \_\_\_\_ refraction | 1. A unit of weight for gems |
| 1. \_\_\_\_ specific gravity | 1. The characteristic of attracting iron and certain other materials |
| 1. \_\_\_\_ streak | 1. The bending of a ray of light when it passes obliquely from one medium t into another of different density |

True or false: Determine whether each statement is true or false.

1. \_\_\_\_Minerals that are composed of two or more different kinds of atoms are called compounds.
2. \_\_\_\_ Quartz is the hardest mineral.
3. \_\_\_\_ Many lodestones in compasses are made of magnetite.
4. \_\_\_\_ Refraction is the bending of light.
5. \_\_\_\_ The three types of searching for gold are panning, sluicing, and dredging.
6. \_\_\_\_ Many people traveled many miles in search of gold.
7. \_\_\_\_ Copper is often used in engagement rings.
8. \_\_\_\_ Carbon is the element that forms diamonds.
9. \_\_\_\_ Color is always the main thing that we used to identify minerals.
10. \_\_\_\_ The most abundant class of minerals in the earth’s crust is the silicates.

List: Complete each list with the correct terms

1. List the three distinguishing characteristics of minerals.
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. When and where did the first modern gold rush occur?
   1. When - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. Where - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Extra credit: Where can native silver and copper be found in the United States?

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