Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Secrets of the Super Elements

1. Forget oil, coal, and gas, the next generation beginning now depend on \_\_\_\_\_\_ \_\_\_\_ elements.
2. What is the biggest problem with these elements?
3. What objects contains more of these super elements than any other?
4. Some of Indiums properties are \_\_\_\_\_\_\_\_\_\_\_, ­­­­­\_\_\_\_\_\_\_\_\_\_\_,and \_\_\_\_\_\_ \_\_\_\_\_.
5. Touch screens are made of \_\_\_\_ \_\_\_\_\_\_\_, \_\_\_ \_\_\_\_\_\_ and \_\_\_\_\_\_\_\_ \_\_\_\_.
6. Indium is found where another element in nature occurs, what is this element?
7. Rhenium has helped what industry reduce costs?
8. Rhenium’s’ properties include \_\_\_\_\_ \_\_\_\_\_\_\_\_, \_\_\_\_\_ \_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. At Rolls Royce, rhenium is referred to as “magic \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_.
10. Rhenium is a byproduct of what other element?
11. Where is this element found geographically?
12. The major property of Neodymium is its \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
13. Michael Faraday discovered that if you pass a magnet across a coil of copper wire you will produce \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
14. Lithium’s main property is \_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_.
15. 50% of the Lithium in the world is found where?
16. Helium’s major property is………
17. By lowering the temperature of helium it becomes a \_\_\_\_\_\_\_\_\_\_\_\_\_
18. This liquid will then be able to do what?
19. Helium is used for balloons, lighter than air ships, but today liquid helium is used in what industry? And what machine?
20. Helium is found where in the world?
21. The properties of Tungsten Carbide are …………
22. Tungsten is a super element, however the element is not rare but it is found only in a few places. One of these places is \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
23. Wolf mite is found in what abundant rock?
24. Phosphorus is one of \_\_\_\_\_\_ \_\_\_\_\_\_\_\_super elements. Phosphorus is used for what?
25. What country has 75% of the phosphorus rock?
26. Today much of our phosphorus is obtained from \_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
27. Recycling these super elements is easily done (circle one) True or False
28. Harvesting super elements in the future will come from \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_.
29. How long will it be before mining in space will be possible according to the film?
30. We will probably avoid the loss of these elements jus with our own \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_