

Origin of the Names of the Chemical Elements

This assignment is due 1 week from today. The names of the elements come from a variety of sources. Below are 50 elemental symbols and 50 clues to the identity of each element. Match the correct elemental symbol with the correct clue by putting the symbol in the blank provided. Your textbook doesn't have the answers; you'll have to look elsewhere.

Am, Au, Bh, Bk, Br, Ce, Cf, Cl, Cm, Co, Cr, Cs, Cu, Es, Eu, Fm, Fr, Ga, Ge, He, Hf, Hg, Ho, I, In, Ir, Lr, Lu, Md, Nb, Np, Pb, Pd, Pm, Po, Pt, Pu, Rb, Re, Rh, Ru, Sc, Se, Sr, Ta, Te, Th, Ti, U, V

1. _____ This element was named for France.
2. _____ It was called *plumbum nigrum* by the Romans to distinguish it from tin (*plumbum candidum*).
3. _____ Its name means "little silver" in Spanish.
4. _____ It is named for Scandinavia.
5. _____ It is named after the planet Uranus.
6. _____ Its name derives from an evil sprite in German (a "Kobold").
7. _____ The name comes from the Latin *rubidus* meaning dark red.
8. _____ The name comes from the Greek *ioeides* meaning violet colored. This element's vapor is violet colored.
9. _____ This element is named after the color indigo in Latin because it has indigo blue lines in its emission spectrum.
10. _____ This element was named for America where it was discovered.
11. _____ It is named for the Rhine river.
12. _____ The name is Latin for Copenhagen, Denmark.
13. _____ It is named for Niels Bohr, a Danish physicist.
14. _____ From the Greek *iris* meaning rainbow, solutions of this element's compounds show a variety of colors.
15. _____ It is named after Aurora, the goddess of the dawn.
16. _____ This element was discovered at the University of California–Berkeley and was named after the state.
17. _____ Its name in Greek, *khloros*, means yellow green.
18. _____ This element takes its name from Gaul, which is Latin for France.
19. _____ It is named after Helios, the Greek god of the sun.
20. _____ The name is Latin for Stockholm, Sweden.

21. _____ It is named after Pallas (Athene), the second asteroid to be discovered.
22. _____ This element was named for Poland.
23. _____ This element was named after Selene, the Greek goddess of the moon.
24. _____ This element was named after Tellus, the Roman goddess of the Earth.
25. _____ It was named in honor of physicist Albert Einstein.
26. _____ This element was named in honor of Dmitrii I. Mendeleev, the father of the periodic table.
27. _____ It was named after Tantalus, the son of Zeus in Greek mythology.
28. _____ It was named after Vanadis, a nickname for Freya, the Norse goddess of beauty.
29. _____ This element smells badly and was given a name from the Greek *bromos* meaning stink.
30. _____ This element was named after Niobe, the daughter of Tantalus in Greek mythology.
31. _____ It was named after Prometheus, the god who stole fire from heaven in Greek mythology.
32. _____ From the Greek *rhodon* meaning rose, this element's salts are rose colored.
33. _____ It was named after the Norse god of thunder.
34. _____ Called *kyprion* in Greek and *cuprum* in Latin, its name derives from the island of Cyprus.
35. _____ It was named after the planet Neptune.
36. _____ It was discovered at the University of California–Berkeley and named for the city.
37. _____ This element was named after Ceres, the first asteroid to be discovered.
38. _____ It was named for Marie and Pierre Curie.
39. _____ In Greek *khroma* means color. Different compounds of this element have different colors.
40. _____ This element was named after the continent of Europe.
41. _____ This element was named for nuclear physicist Enrico Fermi.
42. _____ This element was named for Germany.
43. _____ From the Greek and Roman messenger of the gods, its symbol derives from the Greek *hydro-argyros* meaning “water-silver.”
44. _____ It was named for the village Strontian in Scotland.
45. _____ Its name in Latin, *caesius*, means bluish gray.
46. _____ The name is Latin for Paris, France.
47. _____ It was named for Russia.
48. _____ This element was named after the Titans in Greek mythology.
49. _____ It was named after the planet Pluto.
50. _____ This element was named for Ernest O. Lawrence, inventor of the cyclotron.