

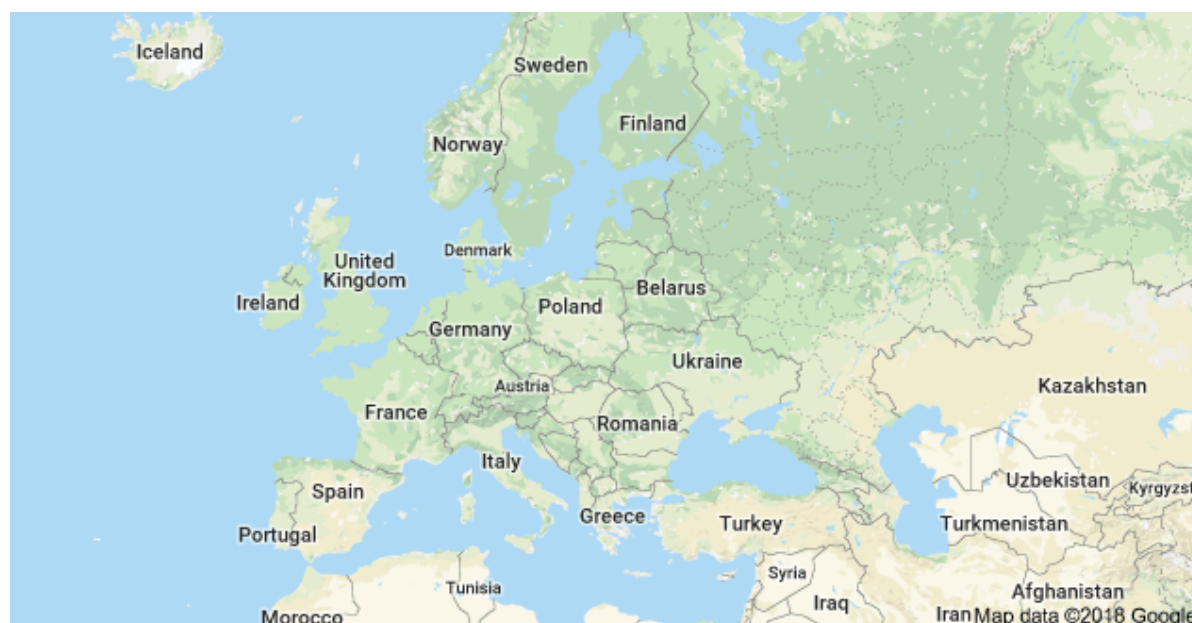
## Sec1 Sci C7p WS Where are some of the elements named after?

The names of the oldest elements were created before modern science, but new elements are still being discovered and the scientists involved have decided on rules for what you can call a new element:

- (a) a mythological concept or character (including an astronomical object),
- (b) a mineral or similar substance,
- (c) a place, or geographical region,**
- (d) a property of the element, or
- (e) a scientist.<sup>1</sup>

Today we are going to look at elements named after places and using the information on this page mark on the map using the chemical symbol where each element is named after. Moscovium, Mc, has already been done for you. You will need to use a periodic table to find out many of the elements' symbols.

Element	Symbol	Continent	Named after this place or geographical region
americium		North America	USA
berkelium		North America	Berkeley, California, western USA
californium		North America	California, western USA
copper		Europe	Cyprus (= Cuprum in Latin), an island between Greece and Turkey
erbium		Europe	Ytterby, Southern Sweden
francium		Europe	France
germanium		Europe	Germany
hafnium		Europe	Copenhagen, Denmark (Hafnia = Latin name for Copenhagen)
holmium		Europe	Stockholm, central Sweden
magnesium		Europe	Magnesia, Greece
moscovium, Mc	Mc	Europe	Moscow, Russia
nihonium, Nh	Nh	Asia	Japan
polonium		Europe	Discovered in Paris, but named after Poland, homeland of Marie Curie, who discovered it.
ruthenium		Europe	Russia (Ruthenia = Latin name for Russia)
strontium		Europe	Strontian, Scotland (in the north of the UK)
tennessine, Ts	Ts	North America	Tennessee, central USA



### Map of Europe

For elements not named after places in Europe, use a globe to find out where they are exactly.

<sup>1</sup> Check out this website for more information: <https://iupac.org/who-we-are/our-history/>  
Patrick Brannac [www.SmashingScience.org](http://www.SmashingScience.org)



Name

Label the places on this map that have elements named after them using the correct symbol. Does this map look odd to you?

