# The hunt is on

***Education in Chemistry***March 2018[rsc.li/EiC218-thehuntison](http://rsc.li/EiC218-thehuntison)

**Read** the above article **‘The hunt is on’** up to the end of the section **‘Having a smashing time’** and answer the following questions.

1. Which two countries are involved in the race for a new element?
2. How many atoms were observed to confirm the discovery of element 113?
3. Using a full periodic table and the article, work out how many elements are reported in the periodic table but not found on Earth.
4. Describe how a new superheavy element is made.
5. Give two reasons why it is so difficult to make a superheavy element.