

The hunt is on

Education in Chemistry

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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.