

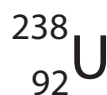
- 7 The photograph shows a glass plate made from uranium glass.



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Uranium oxide is used to give the glass a green colour.

- (a) Uranium-238 is the most common isotope of uranium and can be represented using this symbol.



- (i) State what information the numbers 92 and 238 give about the nucleus of this isotope of uranium.

(2)

92.....

238.....

- (ii) Uranium-238 decays by alpha emission.

Describe how the nucleus of a uranium-238 atom changes as a result of alpha emission.

(2)

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