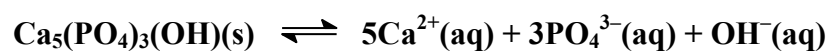


**Marks**  
**2**

- Give the equation for the dissolution of hydroxyapatite,  $\text{Ca}_5(\text{PO}_4)_3(\text{OH})$ , in water.



What is the formula for the solubility product constant for hydroxyapatite?

