

Given that haemoglobin contains 4 Fe atoms per molecule and its concentration in blood is 15 g per 100 mL, calculate the total mass of Fe in the patient's blood *before* being treated with Desferal. (The molar mass of haemoglobin is $6.45 \times 10^4 \text{ g mol}^{-1}$.)

Marks
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ANSWER:

THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY