

<ul style="list-style-type: none">A doctor recommends to a pregnant woman that she takes an iron supplement of 50 mg (as Fe^{2+}) daily. To achieve this, what mass (to the nearest mg) of iron(II) gluconate-2-water, $\text{FeC}_{12}\text{H}_{22}\text{O}_{14}\cdot 2\text{H}_2\text{O}$, would be required?	Marks 3
<ul style="list-style-type: none">What is the mass of each of the following at 298 K and 101 kPa pressure?	4
(i) argon (24.5 litre)	
(ii) water (24.5 litre)	
(iii) chlorine (12.25 litre)	
(iv) zinc (1.00 mole)	