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- Iron, copper and zinc all play important natural roles in our biology. Select one of these elements and explain what features of its chemistry are important in allowing the element to carry out its roles.

Platinum complexes and lithium salts are active pharmaceutical agents. Select one and explain what features of its metal's chemistry are important in allowing it to be an effective pharmaceutical.

- Metal atoms participate in many biological processes. The following table shows a number of metals, one property of each metal and the biological function for which the metal is important. Complete the table.

Metal	Property which is important for biological activity	Biological function to which this property is relevant
Cu	Can exist in two oxidation states, +I and +II	
	Forms square-planar co-ordination compounds	Cancer chemotherapy
Fe		Oxygen transport in blood