Exercise 11.1 Assigning Oxidation States

1.	Draw a Lewis diagram for each of the followall atoms.	wing mo	olecules, and assign oxidation states to
(a)	H_2S	(b)	SF ₂
(c)	SF ₄	(d)	SF ₆
(e)	SO_2	(f)	SO_3
2.	Which of the sulfur atoms in question 1 has to atoms in question 1 has the least electron de		-
	atoms in question I has the least electron de	nsity:	now do you know:
3.	Draw a Lewis diagram for each of the folloatoms.	owing i	ons, and assign oxidation states to all
(a)	CIO+	(b)	ClO ₂ ⁺
(c)	C10-	(d)	ClO ₂
(e)	0_2^{2-}	(f)	SCN-
\ ' /	۷	` /	