Honors Chemi	istry Reduction	on-Oxidation	Quiz (201	18, v2) NAI	ME:				
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Assign the oxid	dation state o	of each atom is	n the follo	owing specie	<i>es</i> :				
1. AgMnO ₄									
Ag N	Mn	O							
2. ClO ₃ -									
Cl O)								
3. Ca(NO ₃) ₂									
Fe N	O)							
4. Write a bala	nnced equatio	on for the com	bination (of zinc meta	l with hydr	rochloric ac	eid.		
5. For the above	ve reaction, in	ndicate the ox	idation st	ate of each e	element ove	er top of its	s symbol.		
6. For the above	ve reaction, i	dentify and cle	early labe	l the reduci	ng and oxic	dizing agen	its.		
7. Write half re	eactions for t	the reduction a	and oxida	tion portions	s of a redox	x reaction i	n question	4.	
8. Which of th				ing agent (c	ircle all tha	it apply)?			
9. In one sente	ence, explain	why you chos	se the spec	cies above a	s good oxid	dizing ager	nts.		