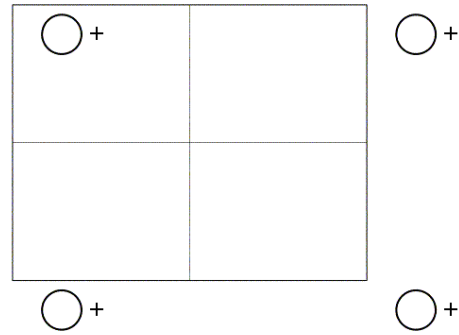
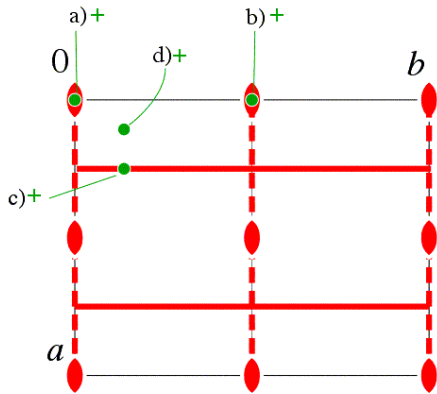


NANO 704 – Spring 2019  
Quiz 3

The symmetry elements for the space group  $Pma2$  are shown below on the left. The general position diagram on the right is incomplete.

1) Complete the general-position diagram.



2) Complete the following table:

<u>Multiplicity</u>	<u>Wyckoff Letter</u>	<u>Coordinates</u>	<u>Site Symmetry</u>
	d	1: $(x, y, z)$	
	c	$(\frac{1}{4}, y, z)$	
	b	$(0, \frac{1}{2}, z)$	
	a	$(0, 0, z)$	