NAME See du	terization of Materials 635:309 e date on Website Syllabus ER ON THIS PAGE ONLY (front	Dr. Garofalini or back):
Positions of atoms in orthorhombic unit cells are given below. What is the Bravais lattice of each unit cell? Show precisely how you determined each Bravais lattice.		
a)	Two atoms of the same kind per ur	nit cell located at 0 1/2 0, and 1/2 0 1/2.
b)	Two atoms of one kind (A) are loc located at 0 0 1/2, and 1/2 1/2 0.	ated at $1/2\ 0\ 0$, and $0\ 1/2\ 1/2$; and two atoms of type B
c)	Four atoms of the same kind per ur $(1/2 + z)$.	ait cell located at 0 0 z, 0 1/2 z, 0 1/2 (1/2 + z), and 0 0