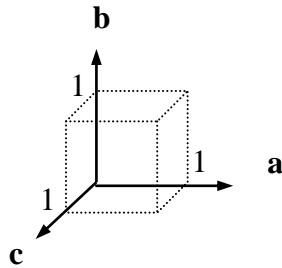


# SSP Exercise 1

To be handed in by 4pm, Thursday 19 January.

1. Sketch a few cubic unit cells like the one below and draw the following lattice planes within them: (010), (101), (131), (021), (00 $\bar{1}$ ) [5]



2. What are the Miller indices of the following crystal planes? [4]

