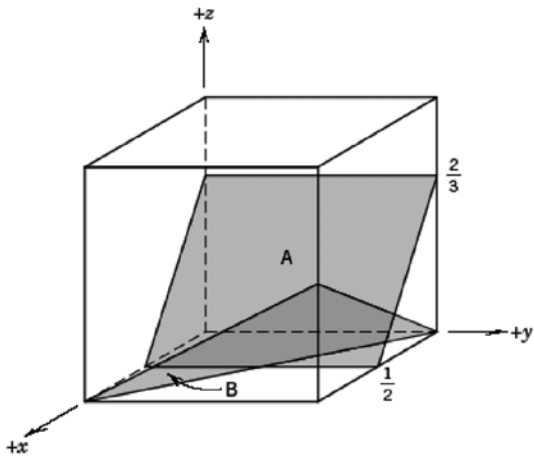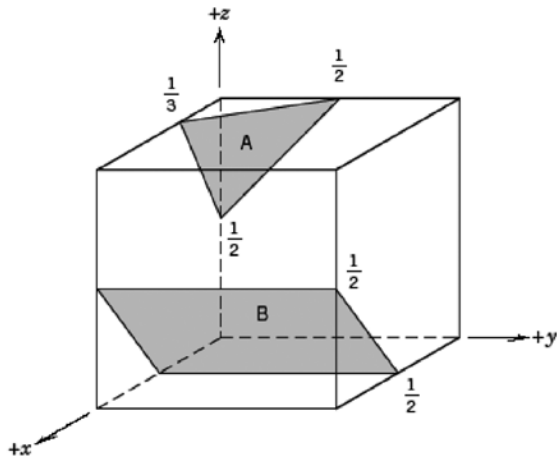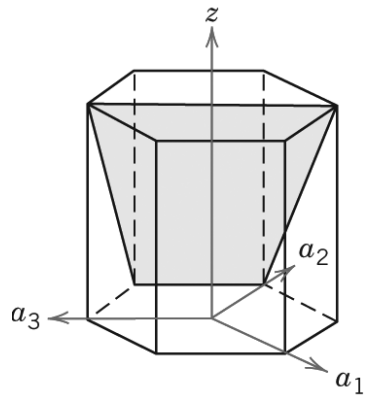3.41 Determine the Miller indices for the planes shown in the following unit cell:

3.42 Determine the Miller indices for the planes shown in the following unit cell:
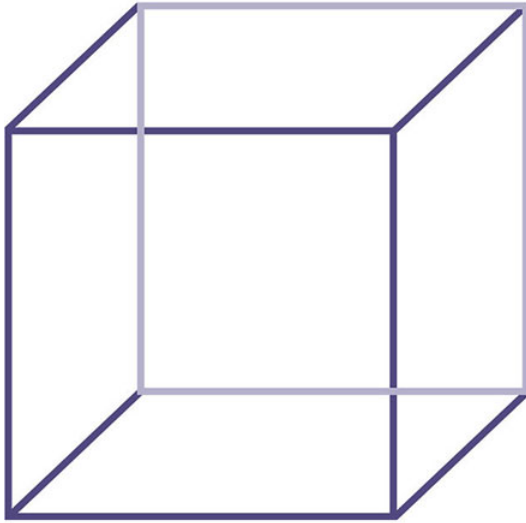

3.54 Determine the Miller indices for the plane shown in the following unit cell:

3.40 *Sketch within a cubic unit cell the following planes:*

      (a) $(0\bar{1}\bar{1})$,   *(e)* $(\bar{1}1\bar{1})$,

      (b) $(11\bar{2})$,   *(f)* $(\bar{1}\bar{2}\bar{2})$,

3.51 *Sketch the* $(1\bar{1}01)$ *and* $(11\bar{2}0)$ *planes in a hexagonal unit cell.*

(d)