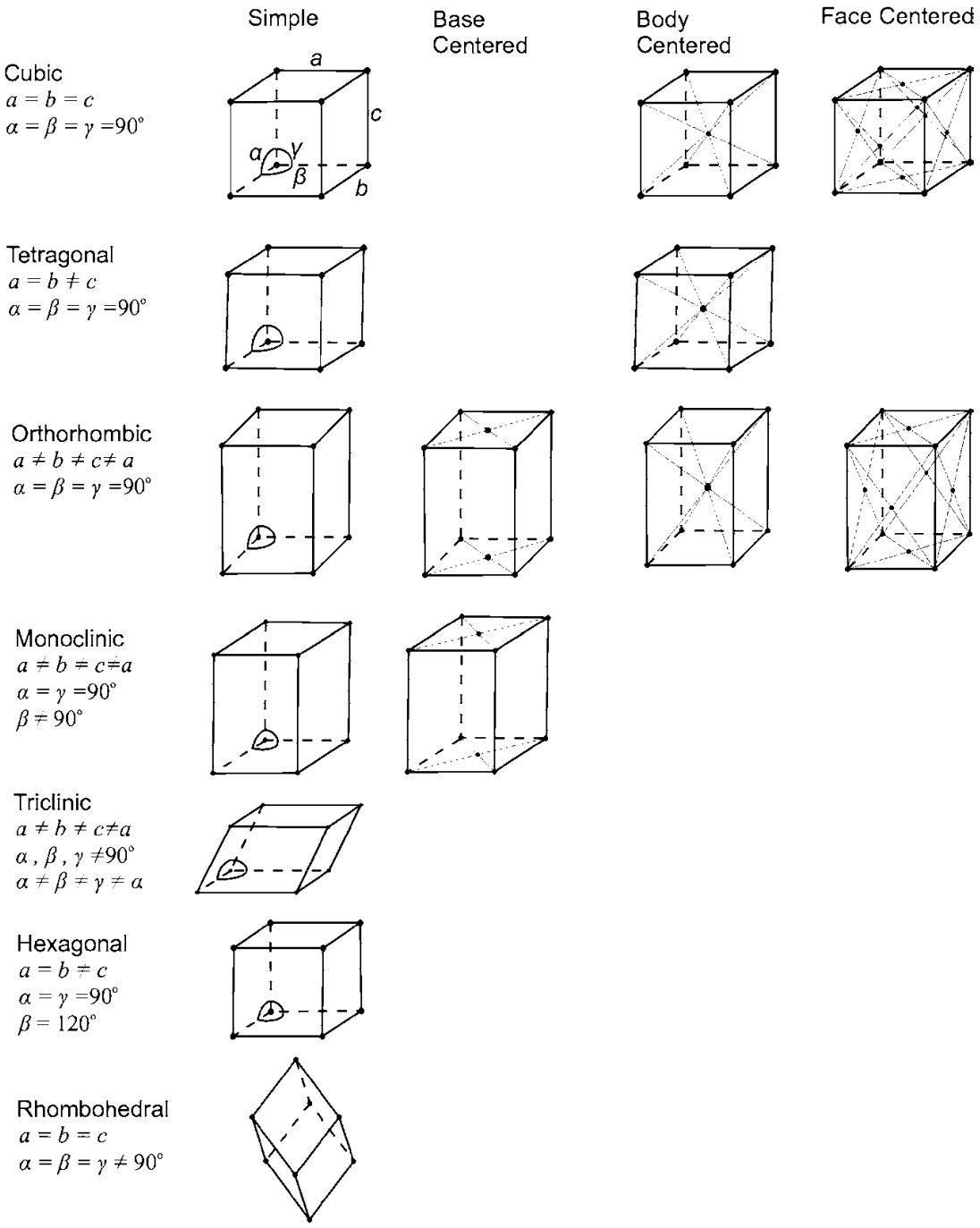
Table 3.1. The seven crystal systems and 14 Bravais lattices in three dimensions



reflection (with respect to a plane passing through a lattice point), and combinations of these.

For 2D Bravais lattices, there are four *systems* (the oblique one shown in Fig. 3.8, the square, the hexagonal, and the two *types* of rectangular all shown in Fig. 3.9) and five *types*; the two different types of rectangular lattice belong to the same system.

In three dimensions, there are *seven systems* and *14 types* of Bravais lattices (see Table 3.1).