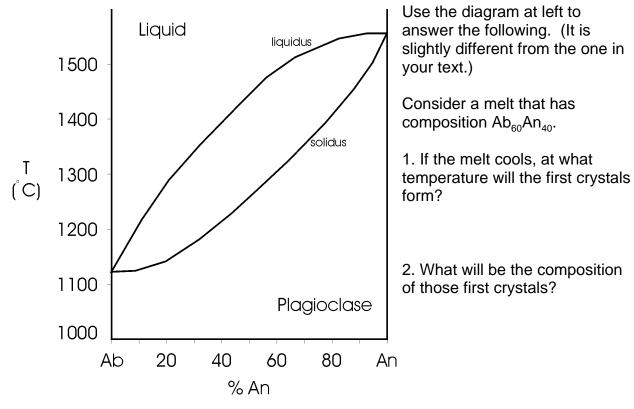
## Plagioclase Phase Diagram

C:\a-StudioClassroom\minex12.doc; August 23, 2003 (11:20am)



3. At what temperature will the ratio of crystals:melt be 1:1?

Suppose, at the time the ratio of crystals to melt is 1:1, the crystals settle to the bottom of the magma chamber and no longer react with the melt. After this, the remaining melt crystallizes in the normal way, with crystals and melt staying in equilibrium.

- 4. What will be the composition of the final drop of melt?
- 5. What will be the composition of the last plagioclase to crystallize?