Remarks: See §4.5, page 130 till 144

Hints:

Also see schemes on page 136 and 138

Answers:

1. kd; sd
2. ki; $v=1$
   Three support reactions intersect in one point (the hinged support). The truss can rotate around this point.
3. kd; sd
4. kd; si; $n=1$
5. ki; $v=1$
   Four support reactions intersect in one point (the hinged support) The truss can rotate around this point.
6. ki; $v=1$
   Less then three support reactions, the truss can move horizontally.
7. kd; sd
8. kd; si; $n=1$
9. kd; sd
10. ki; $v=1$
    Three support reactions intersect in one point (the hinged support). The truss can rotate around this point.
11. ki; $v=1$
    Three support reactions intersect in one point (the hinged support). The truss can rotate around this point..
12 ki; $v=1$
   Less then three support reactions; the truss is able to rotate around the intersection point from the three support reactions. (the roller support).
13. kd; sd
14. ki; $v=1$
   Three support reactions intersect in one point (upper left cornser). The truss can rotate around this point
15. ki; $v=1$
   Three support reactions intersect in one point (de scharnier-oplegging). The truss can rotate around this point.
16. kd; si; $n=1$