Remarks: See § 4.4, pages 168 till 170

Comments:

Number the profiles from [1] (top-left) to [9] (bottom-right).

|Answers:

a. 1, 3, 6, 7, 8 en 9
b. 2, 4 en 5

Explanation:

a. In these cross-sections, there is no normal stress at the NC $\sigma = 0$.

b. In these cross-sections, there is a normal stress at the NC.

   2 and 5: $\sigma > 0 \implies N > 0$ (tension)

   4:       $\sigma < 0 \implies N < 0$ (compression)