Remarks: See §9.3.1, page 337 till 351.
See example 2, page 341..

Answers:

$N = +8$ kN

Remarks:

Method of sections, see figure a
Moment equilibrium about C of one of the parts
$N^{(DE)} = -4\sqrt{5}$ kN
Force equilibrium of joint D: $N^{(CD)} = +8$ kN

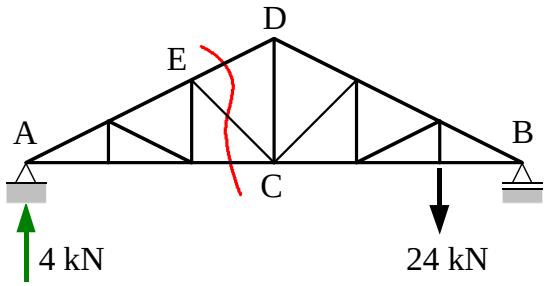

figure a

Alternative answer; method of joints, see figure b
All vertical bars left of CD are zero-force members, see §9.3.3, page 363
Joint equilibrium A: $N^{(AD)} = -4\sqrt{5}$ kN
Joint equilibrium D: $N^{(CD)} = +8$ kN

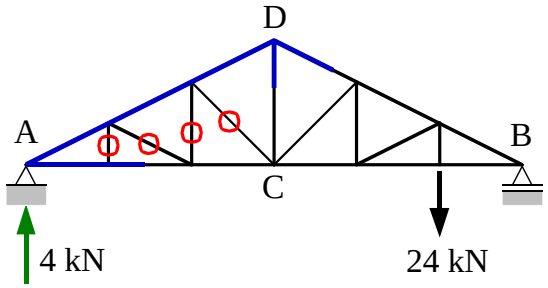

figure b