

Remarks: See §3.1.7, page 64 till 68

Answers:

1. There isn't a resulting force, but there is a resulting couple: $T = 4Fa$ (\odot)

2. A resulting vertical force:

$$R = 12F \text{ (} \downarrow \text{)}$$

The action line of R lies at a distance $a/3$ to the left of A:

$$y = a/3$$