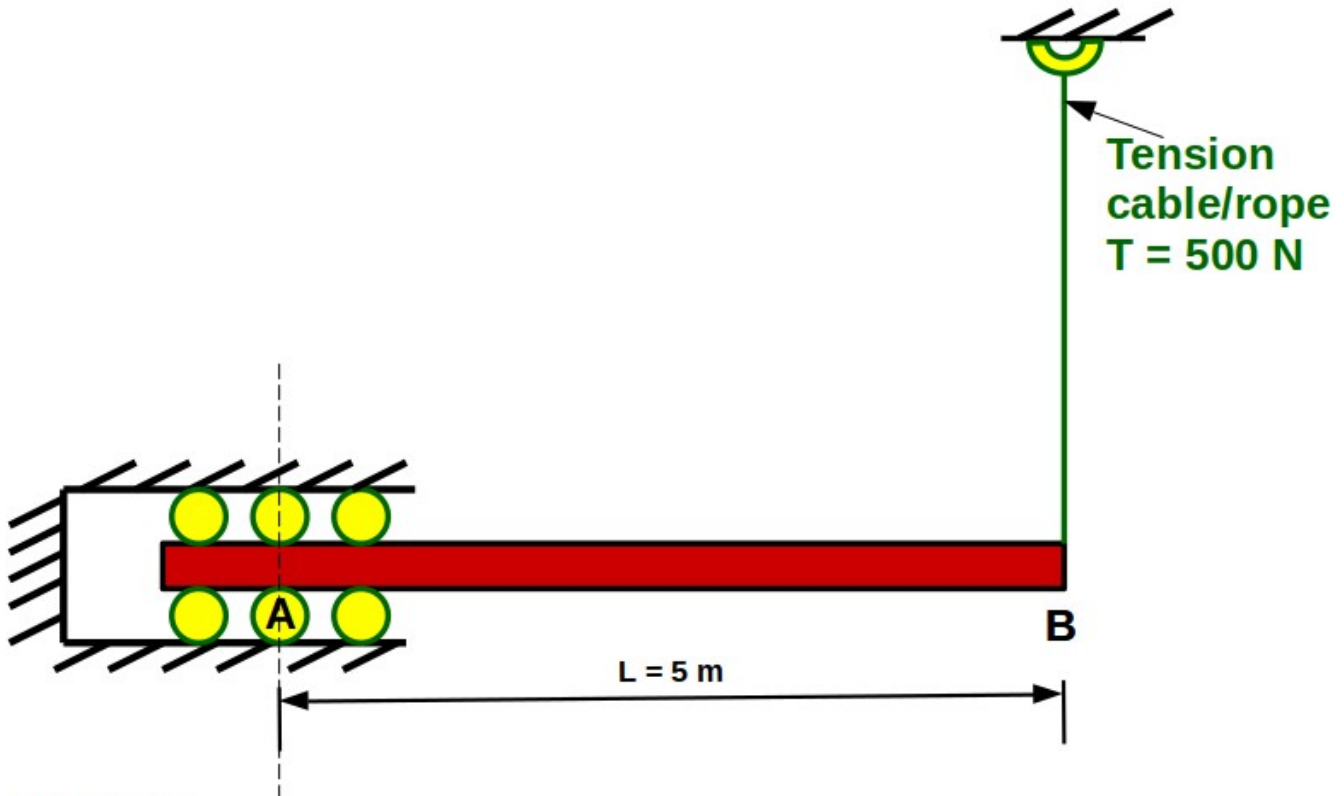
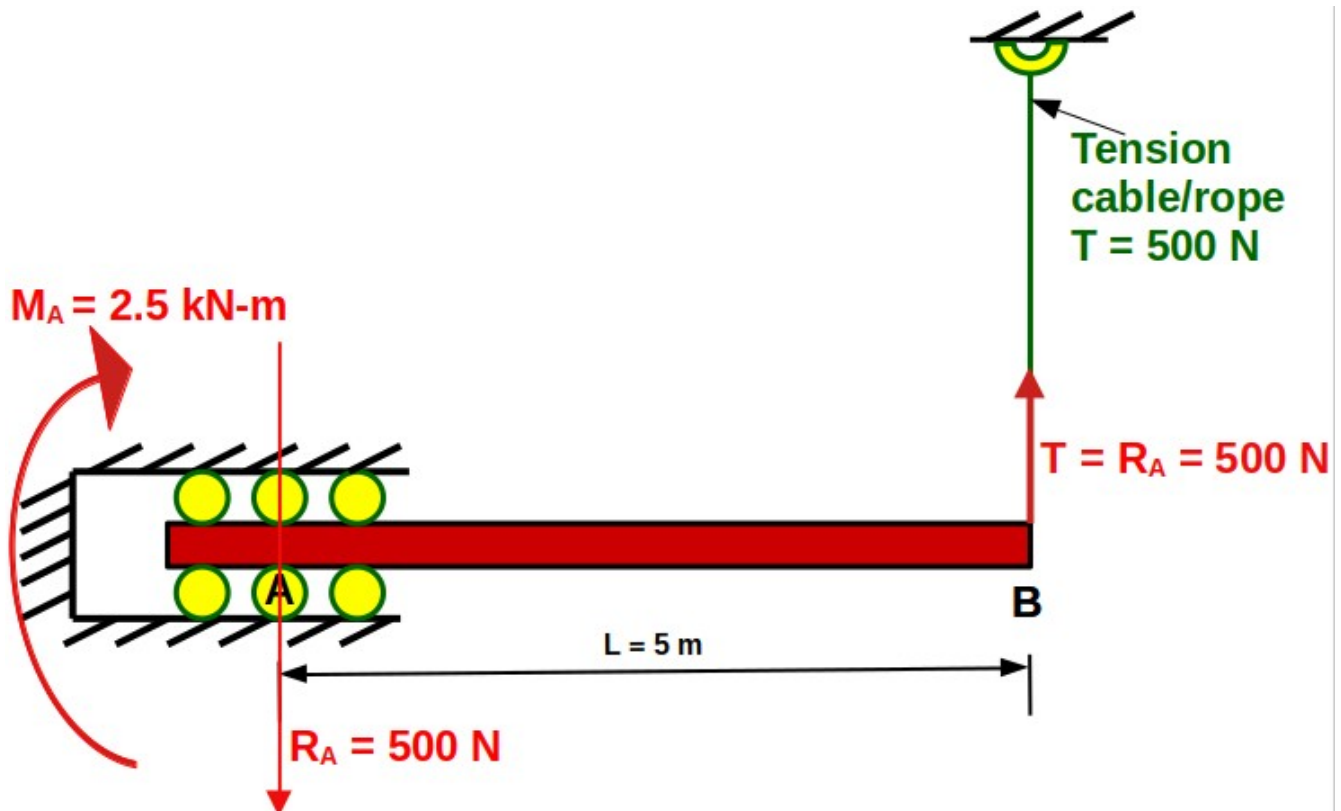


Date: 8th March 2024

The beam is supported by a fixed horizontal roller at A and is pulled by a tension cable at B. Find the reactions at A.



Answers (refer to solutions for detail)



Copyright © 2020
DTY Tutoring, inc.
All rights reserved.

$$R_A = T = 500\text{ N}$$
$$M_A = 2.5\text{ kN-m clockwise}$$