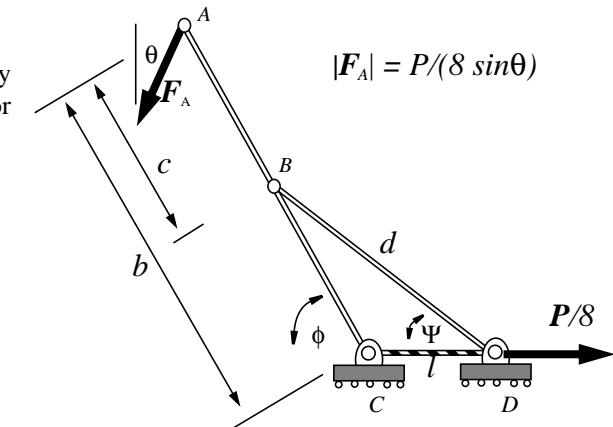


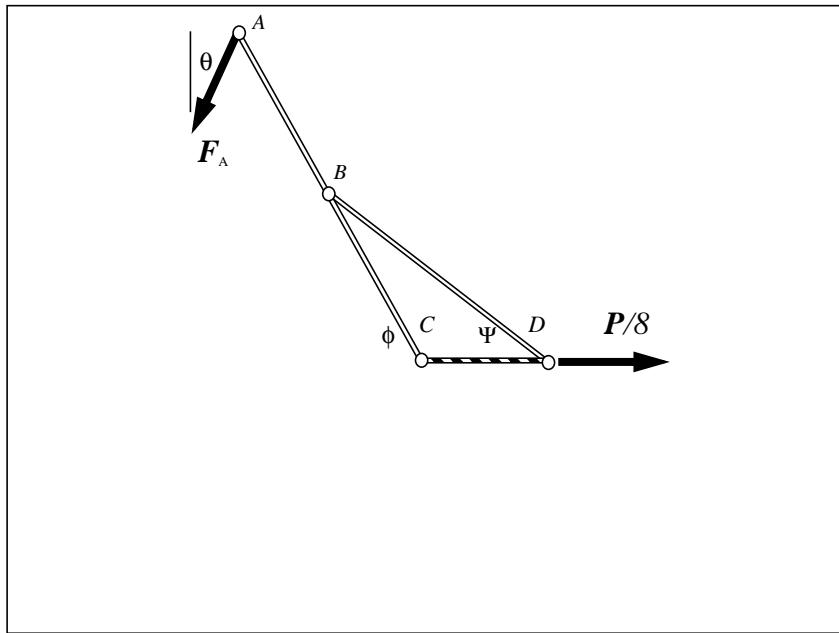
The umbrella again:

Static Equilibrium analysis.

We show one of the eight, rotationally symmetrically distributed, ribs. Hence the factor of 1/8.



Complete the Free Body Diagram below.



Set up the equilibrium equations whose solution will give the reaction forces at C and D.