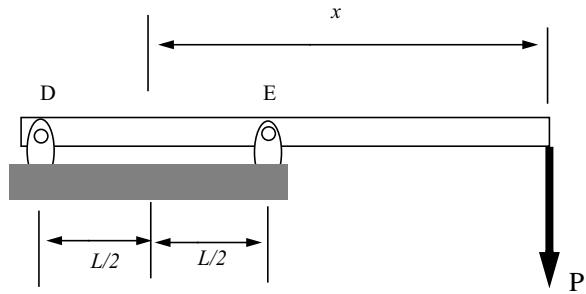
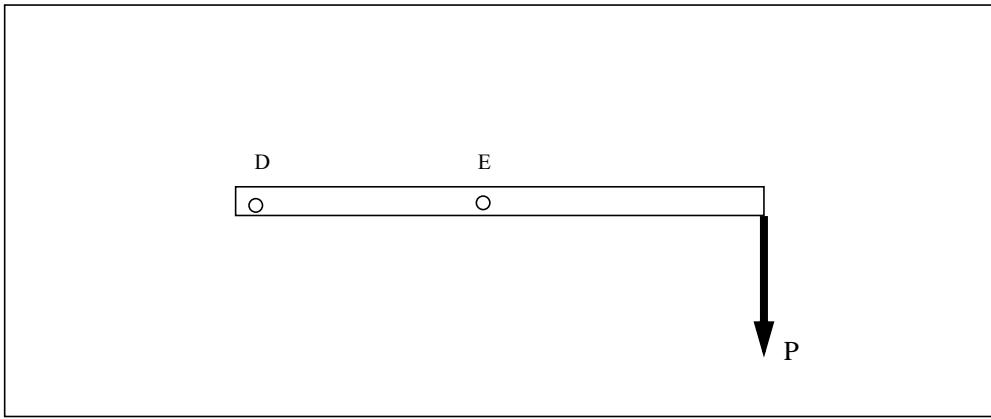


A beam is pinned at D and at E to ground.



I have started a free-body diagram of the beam below. Complete the picture.



Given all lengths and the end load P, what can you deduce about the reaction forces at D and E from the two requirements of static equilibrium?