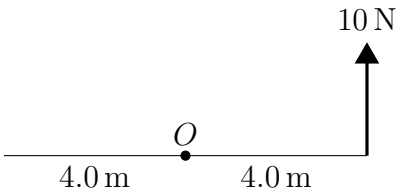
Moments

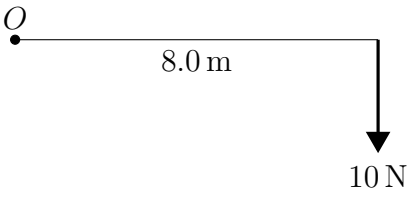
A.C. Norman
ACN.Norman@radley.org.uk

1. Calculate the moments of the forces about O in each of the following cases.

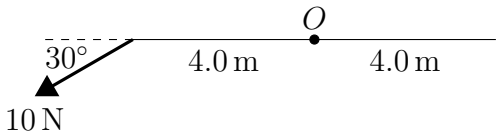
   (a)



   (b)

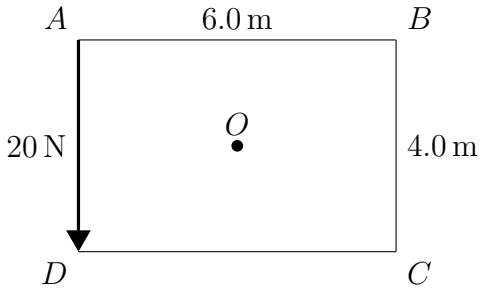


   (c)



2. Find the moment of a 20 N force about O (where O is the centre of the rectangle) when the force acts

   (a) along AD (as shown),



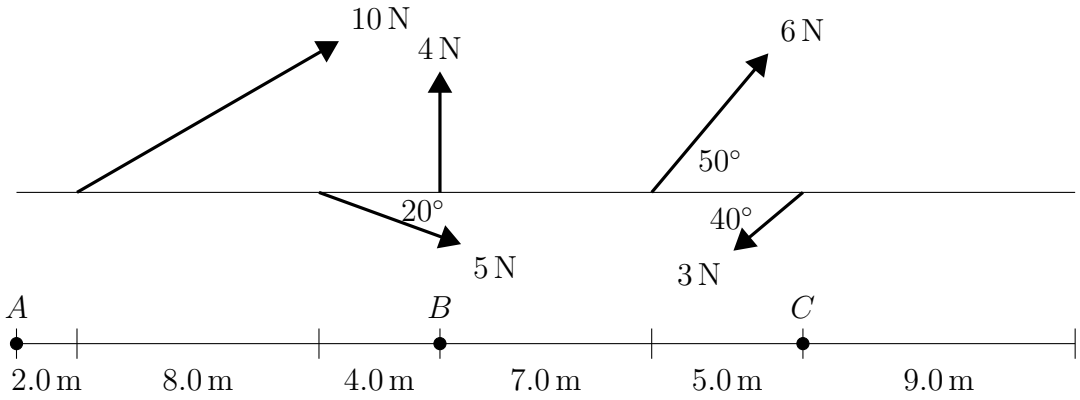
   (b) along DC,

   (c) along a line joining BD.

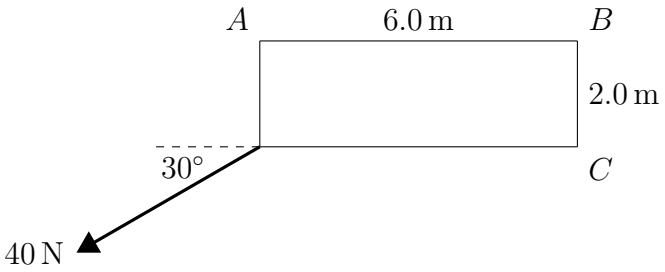
3. Calculate the resultant moment about

   (a) A,
   (b) B,
   (c) C,

   in the following diagram. The distances are given along the line below.



4. The following diagram shows a force of 40 N.



   Calculate the moment of this force about

   (a) A,
   (b) B,
   (c) C.