

12 A uniform rod of weight 20 N and length 2.0 m is acted upon by two vertical forces, as shown.



What are the resultant force acting on the rod and the resultant moment about the centre of gravity of the rod?

	resultant force / N	resultant moment / N m
A	0	10
B	0	20
C	20	10
D	20	20

13 The resultant force on the rod is 20 N.