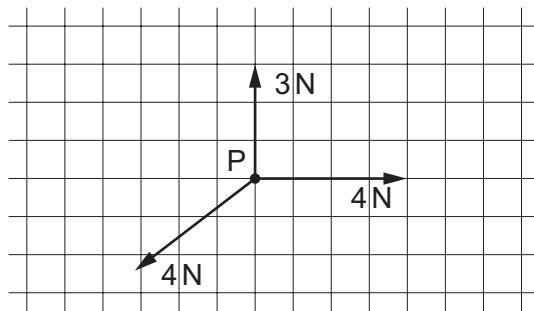
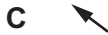


**15** The vector diagram shows three coplanar forces acting on an object at P.



The magnitude of the resultant of these three forces is 1 N.

What is the direction of this resultant force?



**16** In 'normal driving conditions' an electric car has a range of 150 km. This uses all of the 200 MJ of