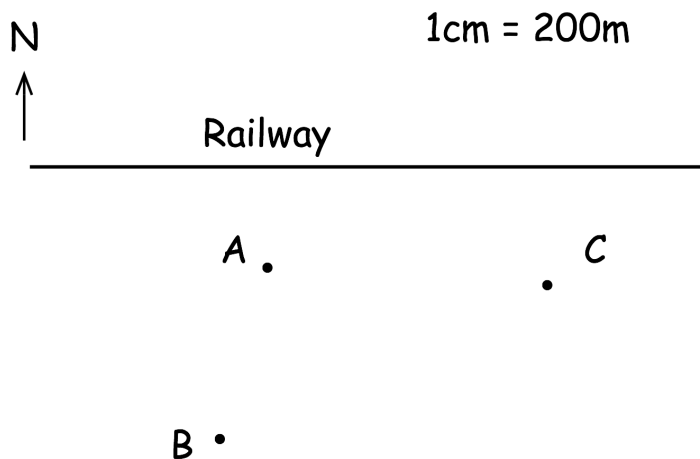




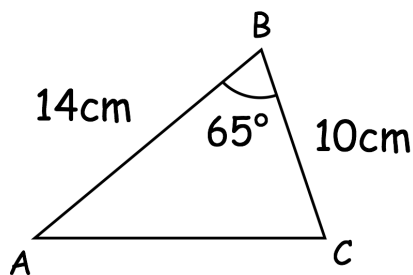
A barrel weighs 400kg to the nearest 10kg.

A lorry can hold 4 tonnes to the nearest 100kg.

How many barrels can be safely transported?



A windmill can be found less than 600m south of the railway track.  
The windmill is closer to house C than house B.  
The windmill is between 400m and 600m from house A.  
Show where the windmill could be located.



Calculate the area.

The point A is (5, -2) and the point B is (11, 1).

Find the equation of the line perpendicular to AB passing through the origin.