

30th January

Corbettmaths


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?

1cm = 200m

Railway



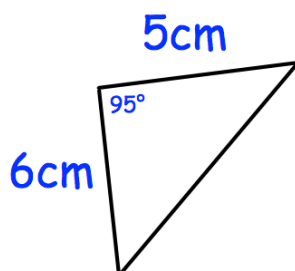
A •

• B

•
C

The phone box is less than 500m from the railway track.
The phone box is between 300m and 500m from house A.
The phone box is closer to house C than house B.

Shade the region on the map where the phone box 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.