Name: _____ 5-a-day Higher

30th January

Corbettmaths

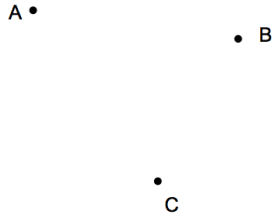
A barrel weighs 400kg to the nearest 10kg.

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

How many barrels can be safely transported?

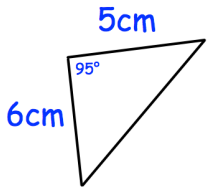
1cm = 200m

Railway



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 is 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.

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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 is located.

5cm
95°
6cm

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.

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