## How to measure the distance between the two locations on the same meridian.

## 1. Tag the locations of the two schools.

a. Locate the position of your school.

You can locate your school manually or by inserting the name of the location in the "Search" box and pressing enter. Then, move your mouse until you find the exact position.
b. Once you locate the school, use the "Add Placemark" tool to mark your location. Place the pin on the location you want, give the name you wish and press "Ok" to save the location.
c. Repeat this process for the second school.



## 2. Locate a common meridian

a. Return to you first Placemark, right-click and choose properties.
b. Copy the "Longitude" value.
c. Go to the second Placemark, right-click and choose properties.
d. Paste the "Longitude" value you copied previously in the respective box and press "ok". Your second placemark has now moved, so that the two locations are now on the same meridian.

## 3. Measure the distance.

a. Zoom out so that you can see both Placemarks.
b. Select the "Ruler" tool (the $10^{\text {th }}$ icon).
c. Click on the first location and then on the second. Now a line appears between the two locations. Press "save".
d. Give a name to your measurement and press "ok".

e. Zoom in to you first location. You will see that the line you've put doesn't start exactly from the pin. Right-click on the red line and choose "properties".
f. Move with your mouse the end of the line so that it identifies with the end of the pin and press "ok".
g. Repeat the same procedure for the second location.
h. Right-click on the red line and choose properties. Select the measurement tub, and there the distance you've measured appears in kilometers.


