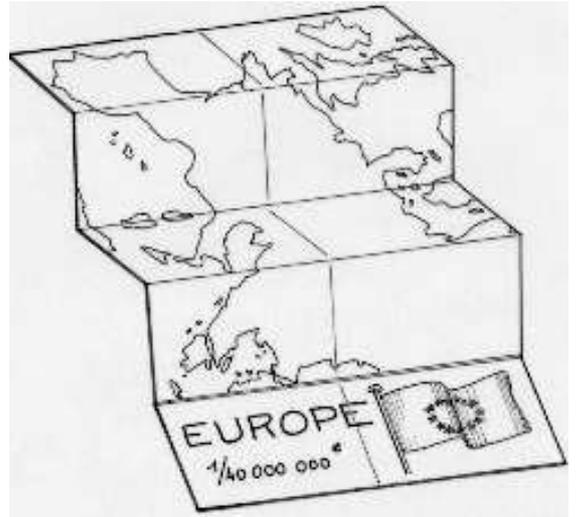


L'Europe à vol d'oiseau

Profesor Triangulix, a top-notch surveyor, is interested in European cities. He knows a few direct distances between cities, as the crow flies :

from Strasbourg (F) to Constance (D) : 151 km
from Constance to Padua (I) : 320 km
from Padua to Brussels (B) : 813 km
from Brussels to Luxembourg (L) : 196 km
from Luxembourg to Saarbrücken (D) : 53 km
from Saarbrücken to Strasbourg : 93 km.



He claims to be only one who is able to calculate the direct course from Strasbourg to Luxembourg without using a map.

Could you solve this problem? Explain your answer.