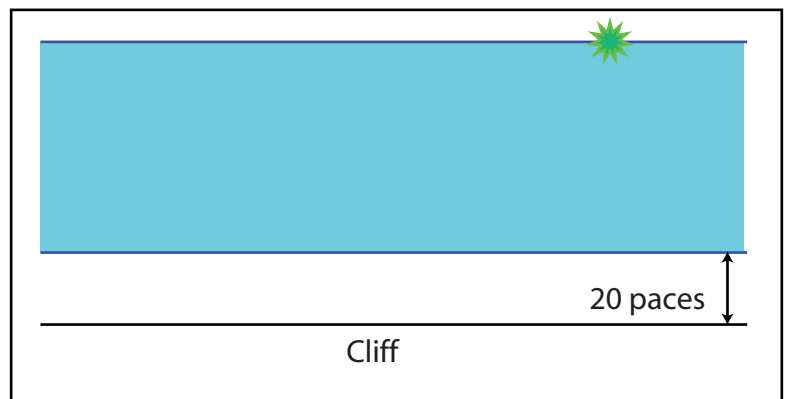


The Width of a River

You wish to determine the number of paces it would be across a river which cuts through flat, grassy terrain, there is a tree on the far shore and you have several stakes you can drive into the ground. You haven't yet learned how to walk on water, and it is July so the river is not frozen. How do you proceed?



How might you modify your approach if there were a cliff, 20 paces from the bank of the river, on your side:?



How might you modify your approach if there were just enough room to walk between the cliff and the riverbank, but you had a protractor and a calculator?

