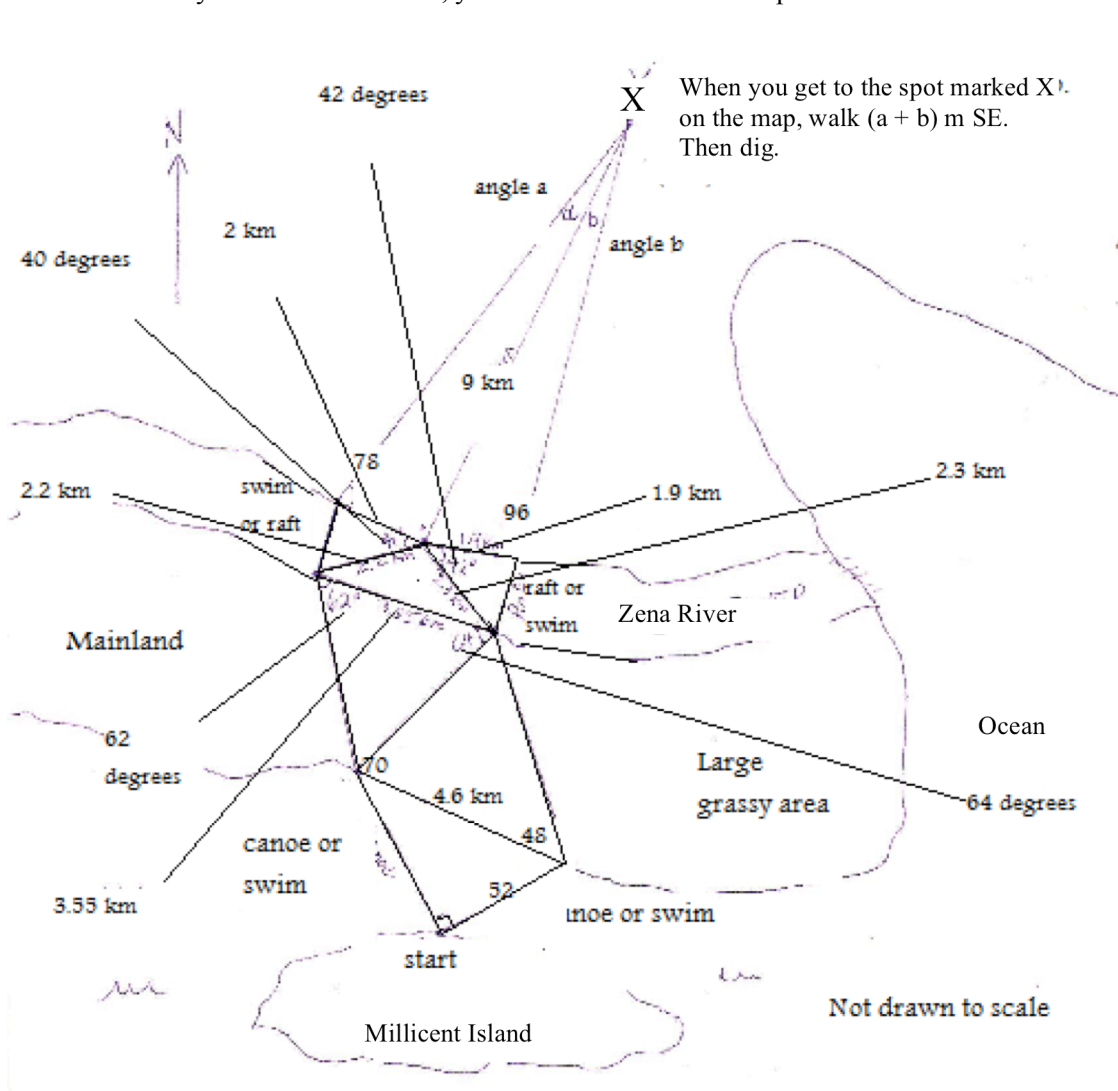


Chapter 2 Task for Web

Task

Search for Buried Treasure

While on holiday on Millicent Island, you find an old treasure map in a cave.



The region on the map is dangerous, so you decide to plan a route to where the treasure is buried.

You know that:

- It is not safe to swim in the ocean or the river.
- You can canoe across the ocean to the mainland. Your average canoeing speed is 4 km/h.
- You can use a raft to travel along the river. Your average rafting speed is 2 km/h.
- There are poisonous snakes in the grassy areas, so you should avoid these areas if possible.
- Your average hiking speed is 5 km/h.

Plan a route from the "Start" on Millicent Island to the "X" at the top of the map.

For each part of your route

- determine your mode of travel
- calculate the distance travelled

Chapter 2 Task for Web

- calculate the time required

Round all distances to two decimal places and all angle measures to the nearest degree. Then, calculate the total distance and time required for your route, to the nearest minute. Use a table to organize your work.