

MISSION: DISASTER RELIEF

There is a injured hiker that the Search & Rescue team must get to. The team has stopped at an ice crevasse. They were deciding in their 15m ladder they have will reach across. Sally the surveyor set up her transit at point A. She measures the distance to one end of the crevasse as 15.1m, the distance to the opposite end of the crevasse as 18.2m, and the angle of sight between the two measurements is 50.4° .

- With your calculation, was the team able to make the crossing at that point, or do they have to search for another potential crossing point. Explain your answer.

