

Mission: Disaster Relief



A lost hiker is reported missing in a forested area. From the top of a 15 metre fire tower, Forest Ranger Jane spots a distress signal of the lost hiker on the ground at an angle of depression of 48° . Forest Ranger Jane spots another ranger on the ground at an angle of depression of 35° .

- You need to calculate the distance, to the nearest hundredth of a metre, between the ranger on the ground to lost the hiker.