

5. The balcony of a cruise ship is 25m above sea level. A person standing on the balcony sees two buoy's in the water below. The first buoy is situated directly east of her at an angle of depression of 32° . The second buoy is situated 65° south of east at an angle of depression of 40° . Find the distance (x) between the two buoys (B1 and B2) .