

Math 375, Fall 2026, Quiz 11, 9/28/26

Name:

You walk 15.00 miles at a bearing $N70^\circ E$. You then walk in a straight line roughly southeast until you are exactly 22.00 miles east of your starting point.

- a) How long was the second walk?
- b) What was the bearing angle?

Ans

- a) 9.42 miles
- b) $S57.0^\circ E$