



test yourself

My Calculator Died

You have completed the traverse as shown and would like to check it for closure before returning to the office, but your calculator died. You have that old non-trig function one that at least has an addressable memory π , $\sqrt{\quad}$, x^2 , $\frac{1}{x}$, and if you're really lucky, a y^x key and $x!$ key. You have no trig tables but do remember $\sin x = x - \frac{x^3}{3!} + \frac{x^5}{5!} - \frac{x^7}{7!} + \frac{x^9}{9!}$ (where x is in radians) and $\cos^2 x + \sin^2 x = 1$. Can you check it? (The bearing shown is a given.) ■

For the solution to this problem (and much more), please visit our website at: www.amerisurv.com. Good luck!

Dave Lindell, PS, retired after 36 1/2 years with the City of Los Angeles. He keeps surveying part time to stay busy and keep out of trouble.

