

PROBLEM OF THE WEEK 5

Due Wednesday, October 10 at 5:00 pm

Question. For how many positive integers n is $\sqrt{n + \sqrt{n + \sqrt{n + \sqrt{n}}}}$ an integer?

- All answers should be clearly explained. Submit it to the Math/Stat Office, AMB 107.
- If your instructor gives you credit for POTW, write his/her name with the class number.
- Contact Bahattin Yildiz with questions: bahattin.yildiz@nau.edu (AMB 134)