

PROBLEM OF THE WEEK 19

Due Wednesday, March 13 at 5:00 pm

Question. Let $ABCD$ be a trapezoid with $AB \parallel CD$. Find the area of the trapezoid $ABCD$ if it is given that $|AC| = 6$, $|DB| = 8$ and $|DC| + |AB| = 10$.

- 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)
- The problems are available online at <https://naumathstat.github.io/problem-of-the-week/>