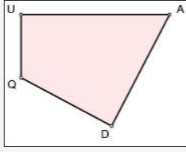


Quad Quad

Problem of the Week - December 06, 2021



Observe quadrilateral QUAD. Angles QUA and ADQ are right angles and the measure of angle DQU is 120 degrees. If the length of side QU is 10 cm and side DQ is 40 cm, find the length of side AD. Note, the figure is not drawn to scale.

Submit answer

Immediately after your **correct** answer is submitted, your name will be posted [here](#).

Past problems

Individual Monthly & Annual Rankings

Leaderboard Monthly & Annual Rankings

Thanks, ClassPad!

The Math Contest wouldn't be possible without help from our friends at **ClassPad**! We encourage you to use their free online math software and mobile app as your digital scratch paper while solving the problems on our site!

Visit ClassPad

Who Answered Correctly?

62% Correct

(24 of 39 total answers)

1. **Jeff Sayah** (Israel)
2. **Jason Smith** (USA)
3. **Mario Skrtic** (Croatia)
4. **Ikechukwu Ogbonna** (Nigeria)
5. **Bassel Baker** (Lebanon)