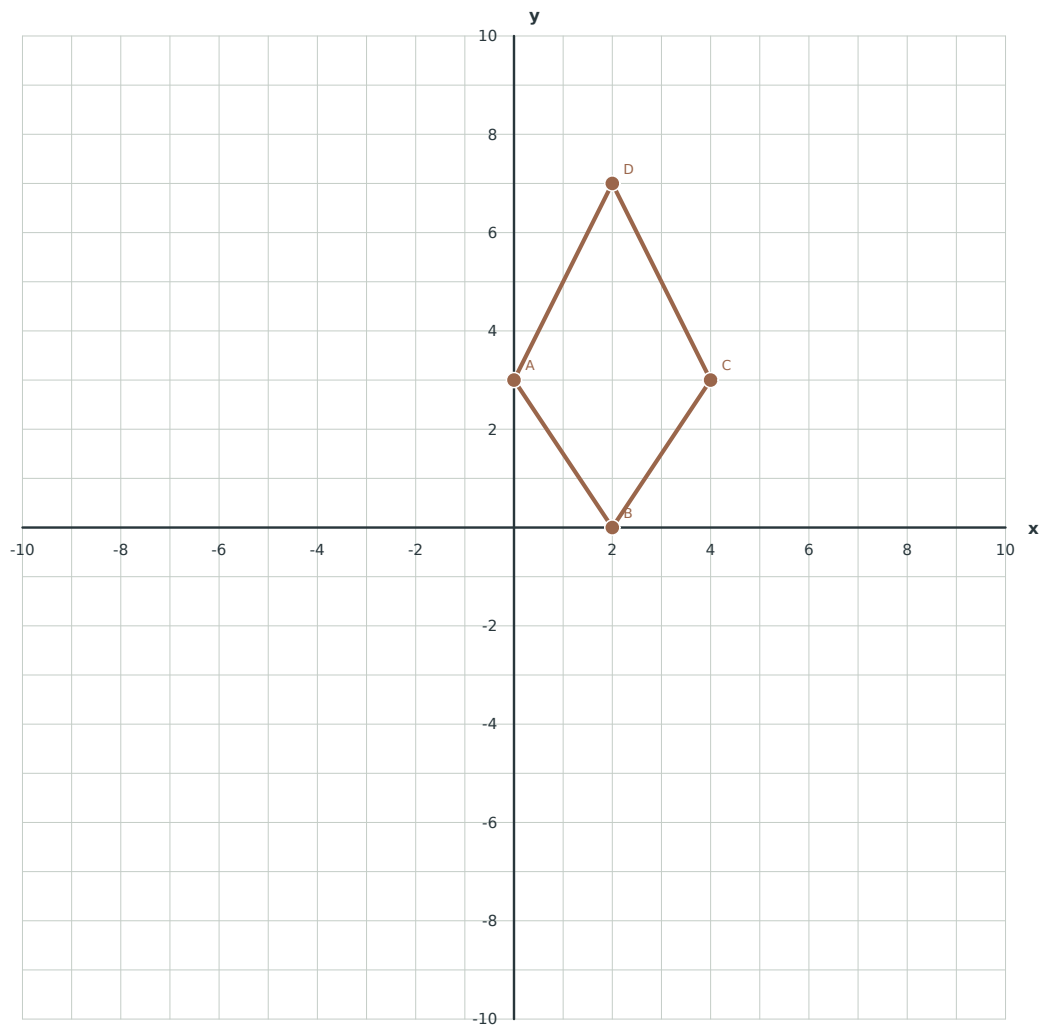


## Quadrilateral case QU04

Vertices in order: A(0, 3); B(2, 0); C(4, 3); D(2, 7).

Plot and join the vertices. Classify using parallel or equal sides and calculate area. Here trapezoid means exactly one parallel pair.

### ANSWER / worked construction



Classification: kite. Parallel opposite-side pairs: 0.

Squared side lengths: 13, 13, 20, 20. Area = 14 square units.