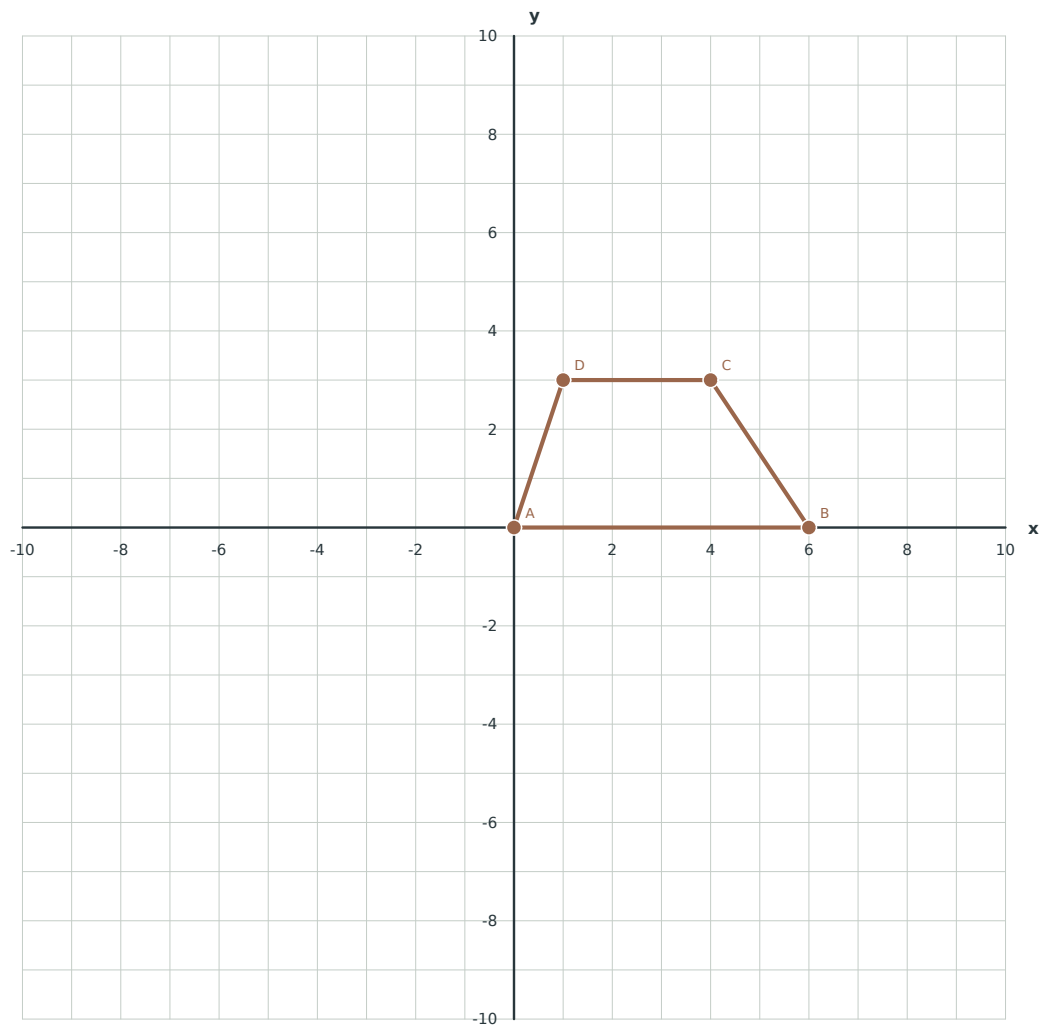


Quadrilateral case QU03

Vertices in order: A(0, 0); B(6, 0); C(4, 3); D(1, 3).

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: trapezoid. Parallel opposite-side pairs: 1.

Squared side lengths: 36, 13, 9, 10. Area = $27\frac{1}{2}$ square units.