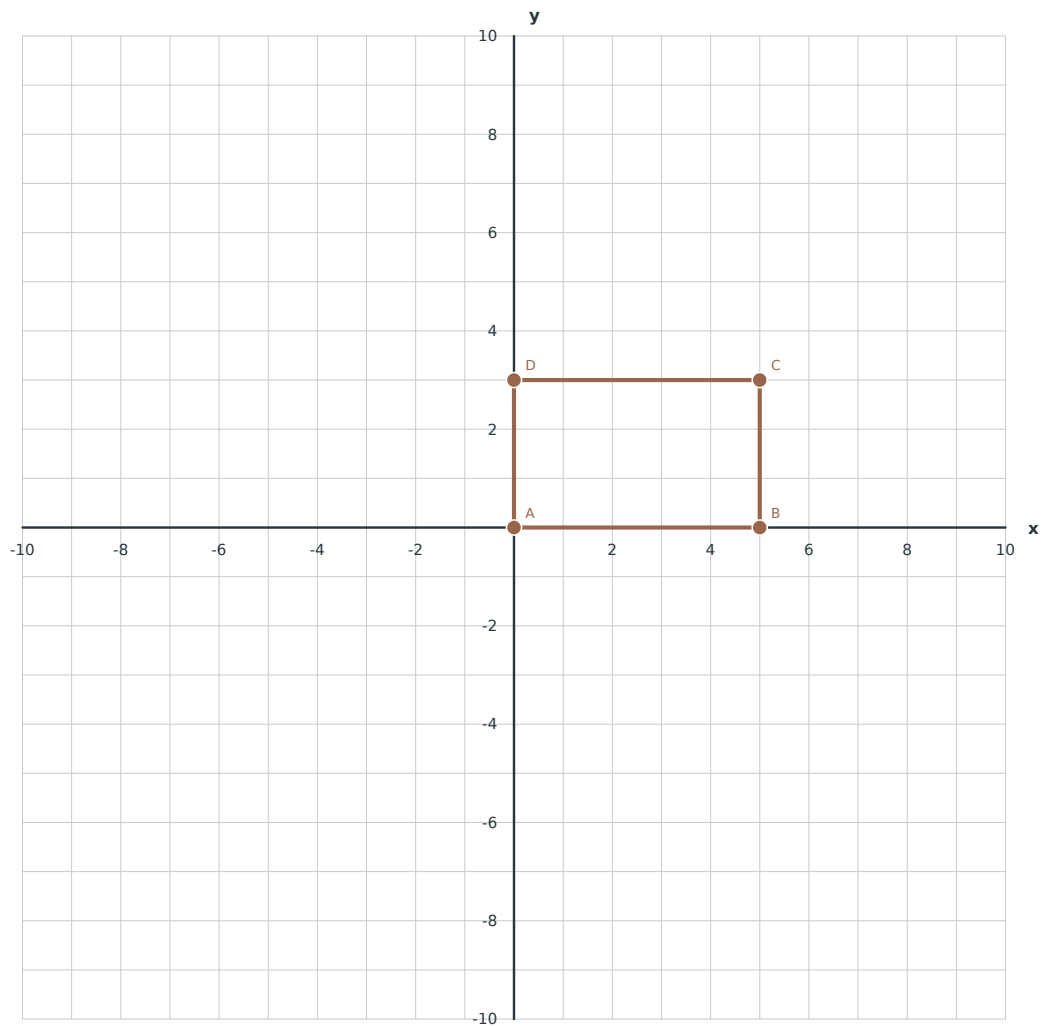


Rectangle five by three

Vertices in order: A(0, 0); B(5, 0); C(5, 3); D(0, 3).

Draw the boundary, then calculate its area and perimeter. Show a decomposition or count grid squares.

ANSWER / worked construction



Area = 15 square units.

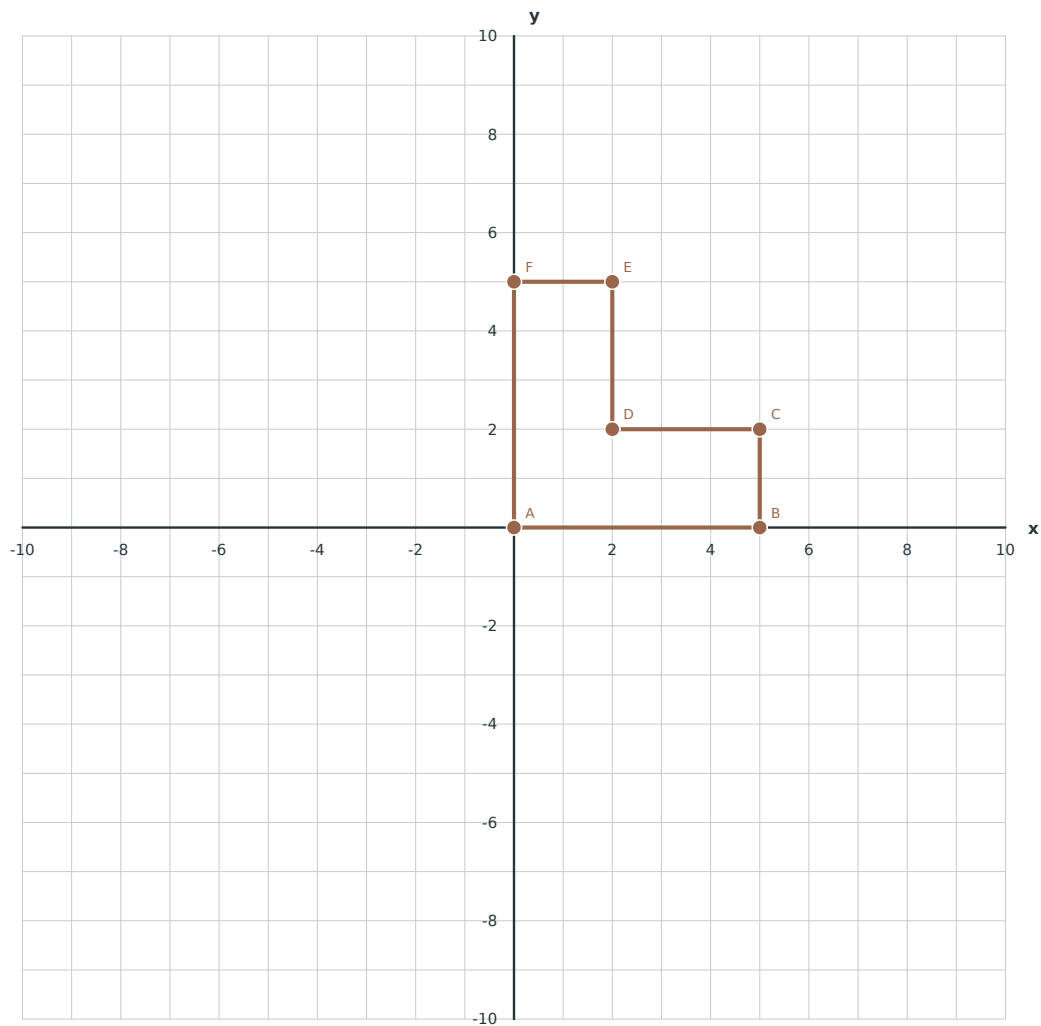
Boundary lengths: $5 + 3 + 5 + 3 = 16$ units.

L-shaped region

Vertices in order: A(0, 0); B(5, 0); C(5, 2); D(2, 2); E(2, 5); F(0, 5).

Draw the boundary, then calculate its area and perimeter. Show a decomposition or count grid squares.

ANSWER / worked construction



Area = 16 square units.

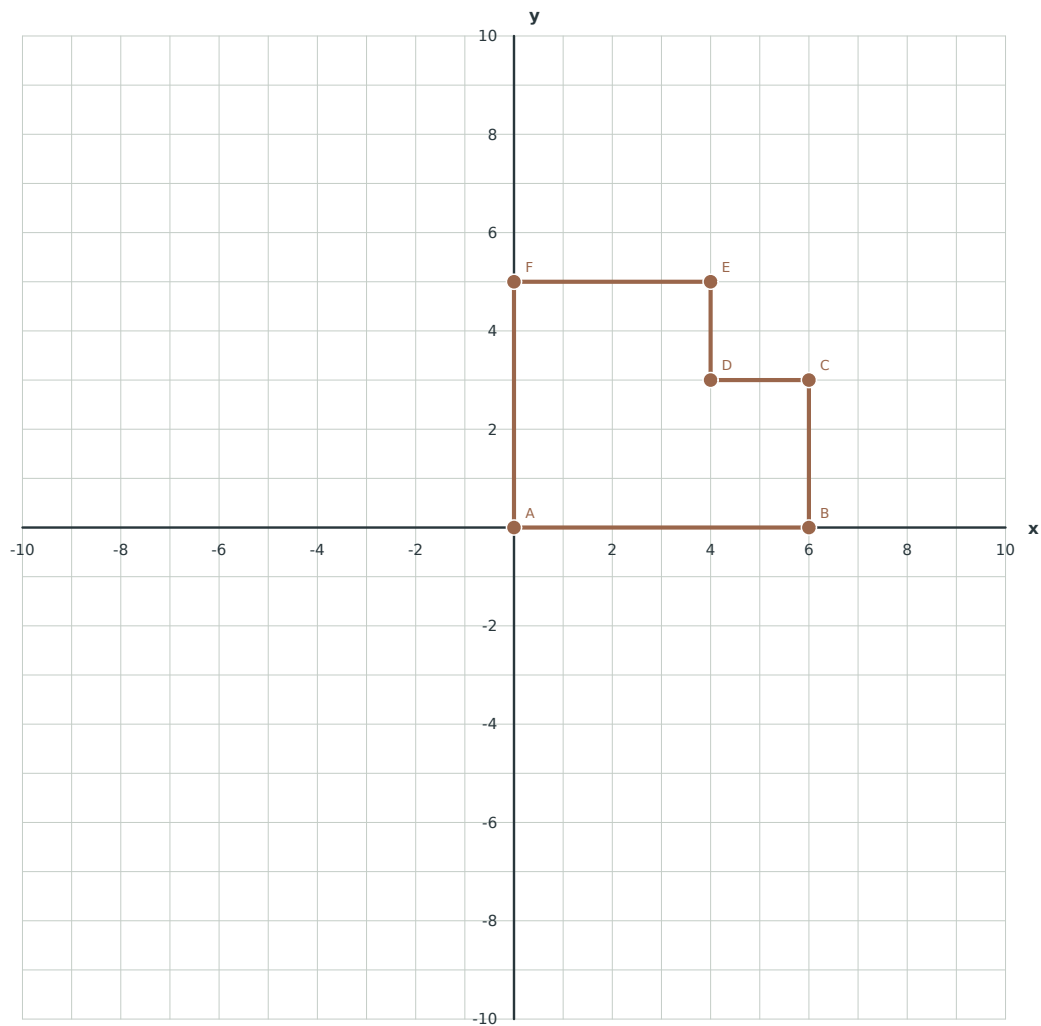
Boundary lengths: $5 + 2 + 3 + 3 + 2 + 5 = 20$ units.

Stepped region

Vertices in order: A(0, 0); B(6, 0); C(6, 3); D(4, 3); E(4, 5); F(0, 5).

Draw the boundary, then calculate its area and perimeter. Show a decomposition or count grid squares.

ANSWER / worked construction



Area = 26 square units.

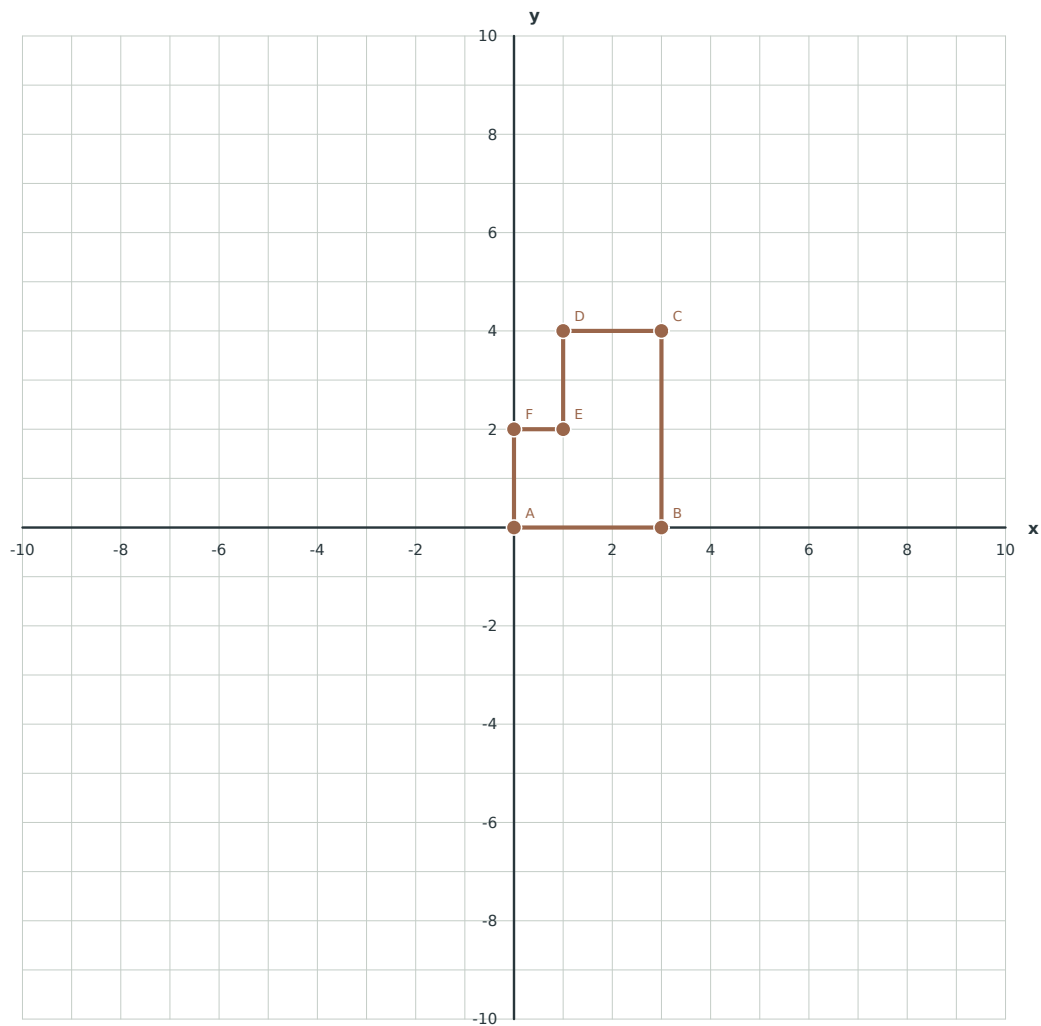
Boundary lengths: $6 + 3 + 2 + 2 + 4 + 5 = 22$ units.

Small notch

Vertices in order: A(0, 0); B(3, 0); C(3, 4); D(1, 4); E(1, 2); F(0, 2).

Draw the boundary, then calculate its area and perimeter. Show a decomposition or count grid squares.

ANSWER / worked construction



Area = 10 square units.

Boundary lengths: $3 + 4 + 2 + 2 + 1 + 2 = 14$ units.