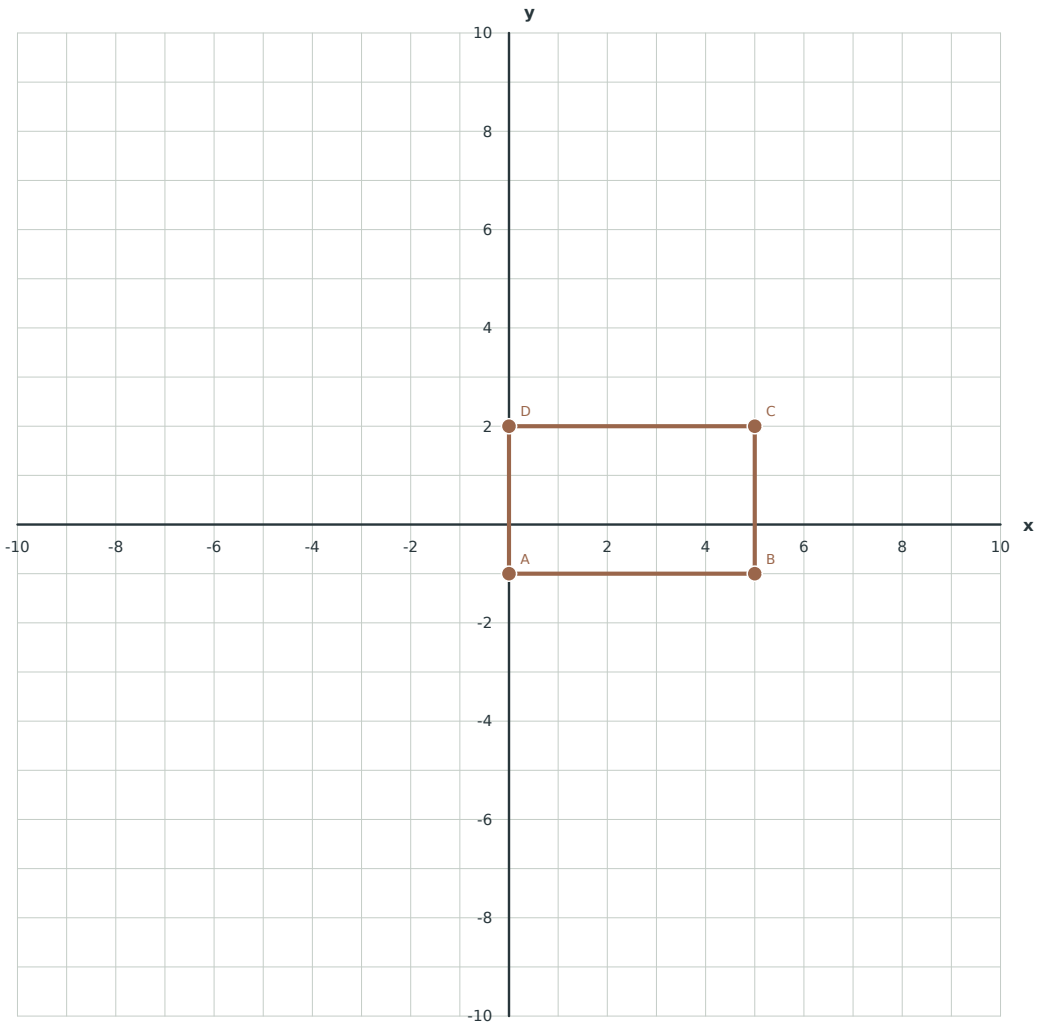
Rectangle five by three

Vertices in order: A(0, -1); B(5, -1); C(5, 2); D(0, 2).

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.

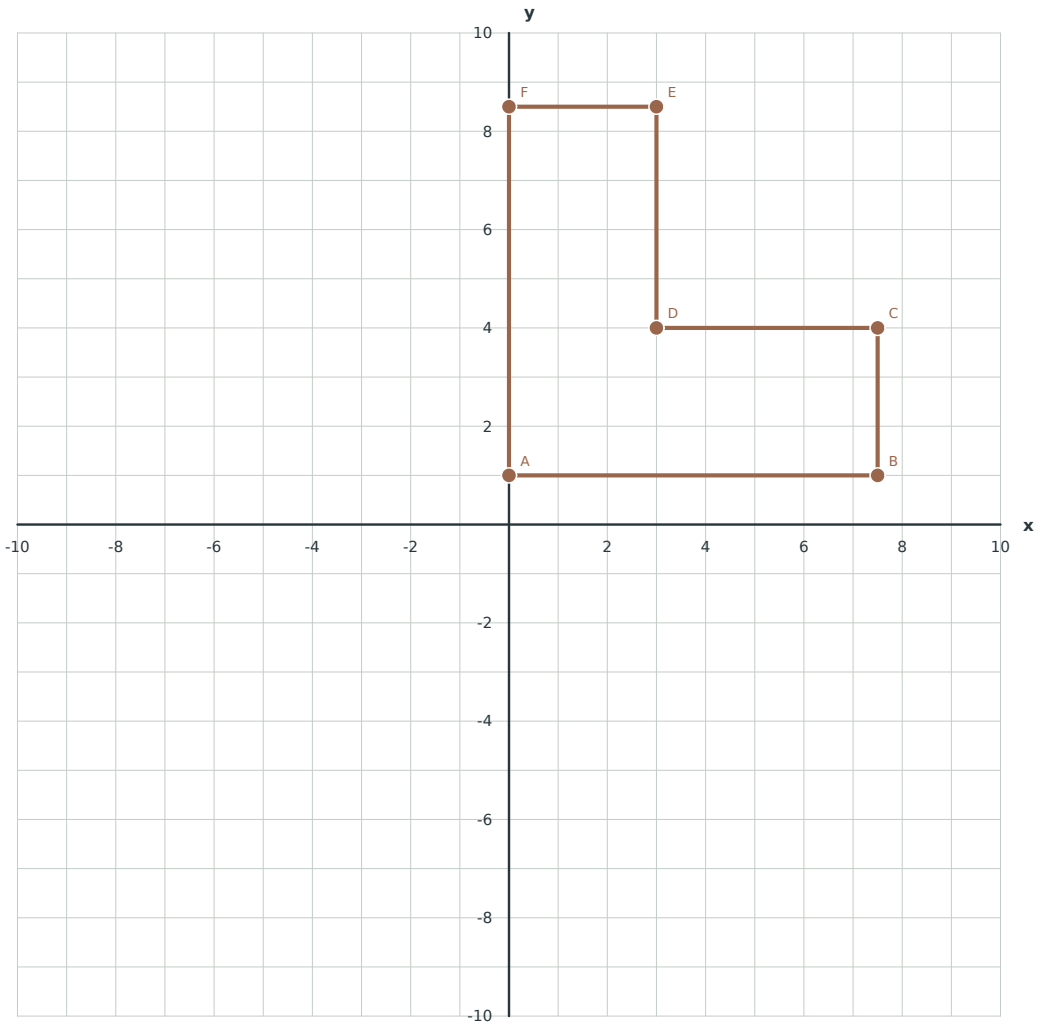
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L-shaped region

Vertices in order: A(0, 1); B(7.5, 1); C(7.5, 4); D(3, 4); E(3, 8.5); F(0, 8.5).

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

ANSWER / worked construction



Area = 36 square units.

Boundary lengths: 15/2 + 3 + 9/2 + 9/2 + 3 + 15/2 = 30 units.

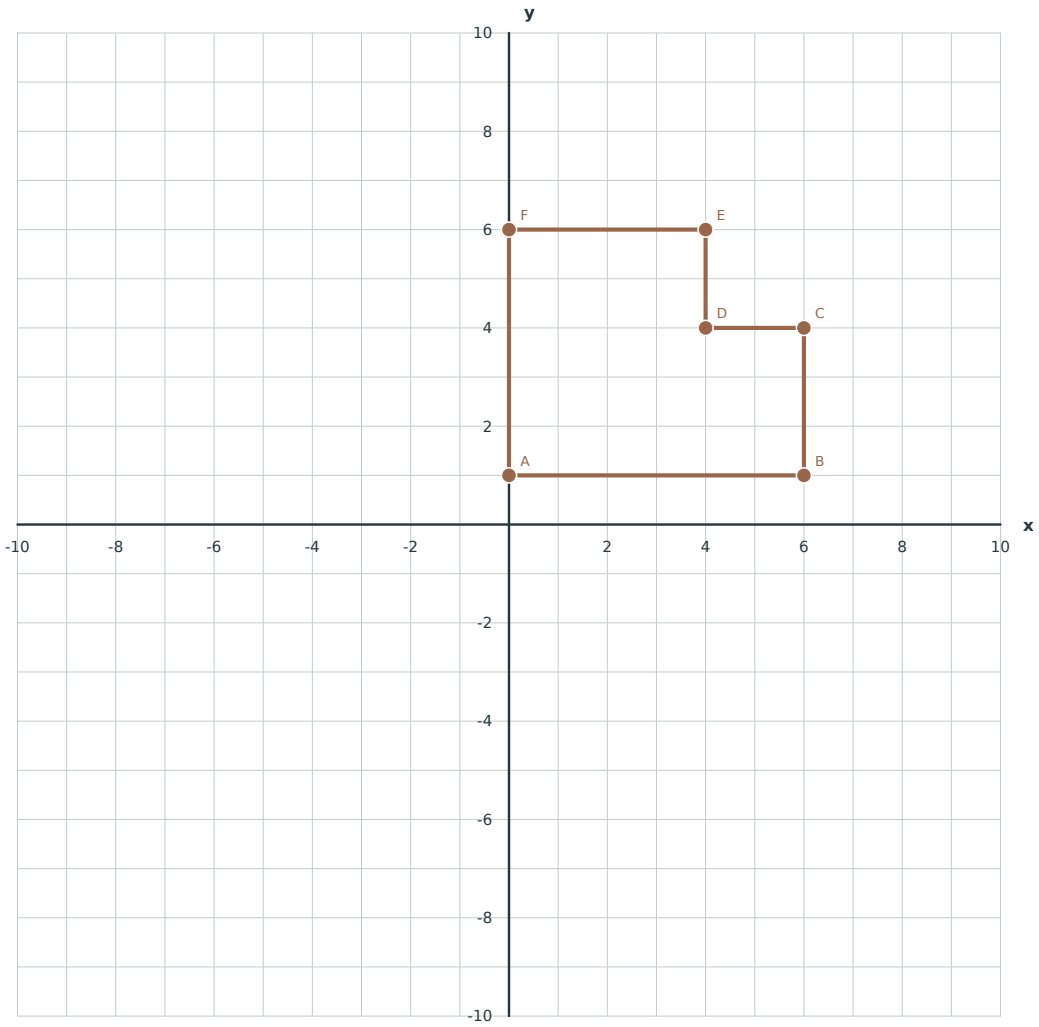
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Stepped region

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

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.

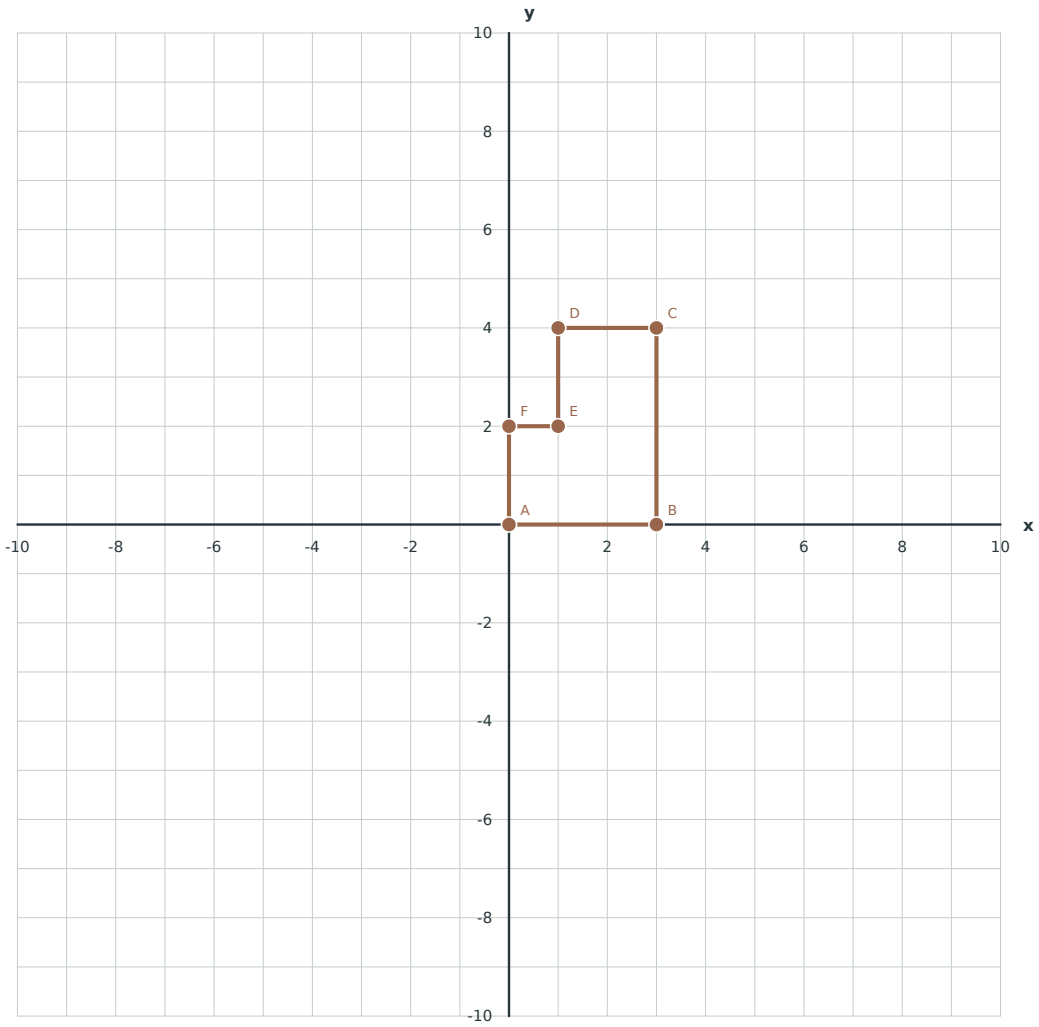
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Small notch

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.

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