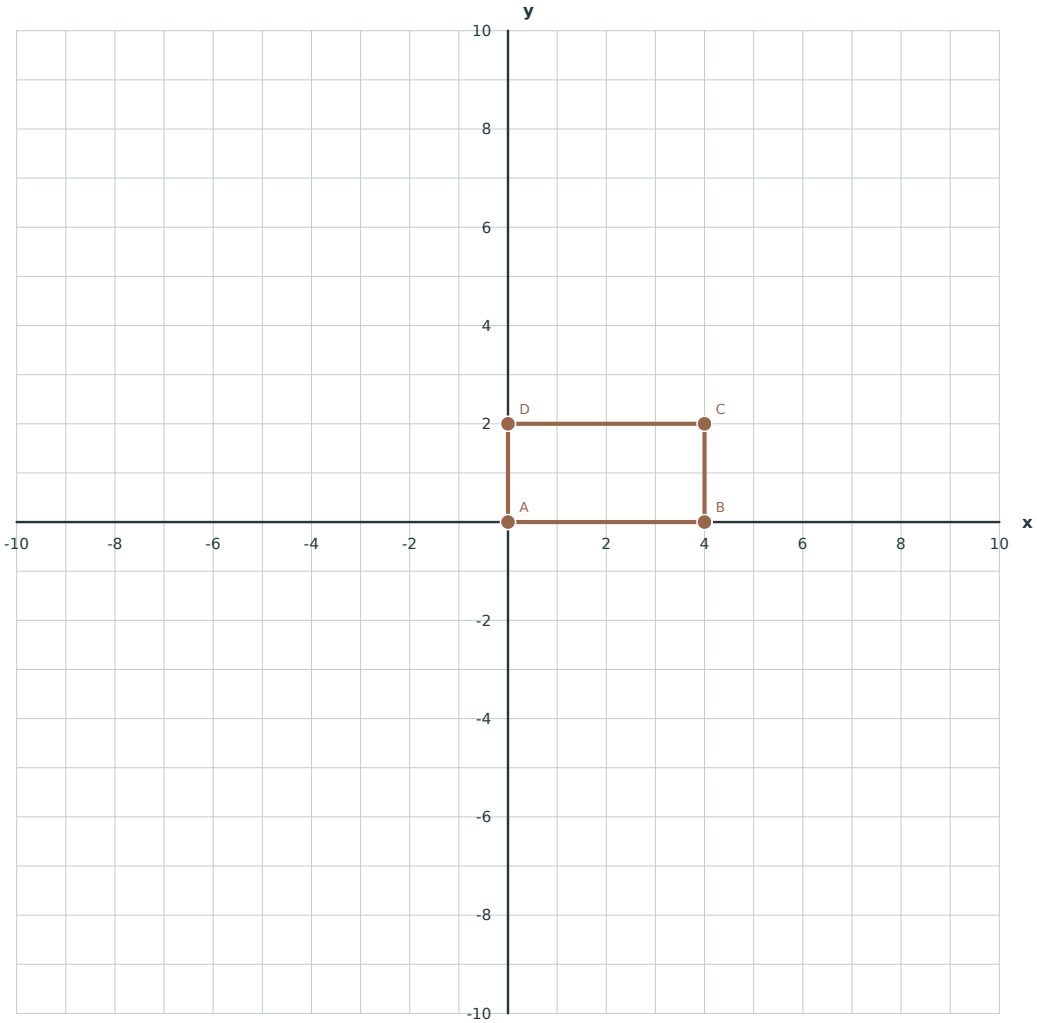
Double a rectangle

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

Dilate about (0, 0) by scale factor 2. Draw and label the image. State the length and area ratios.

REFERENCE / original information



Brown: original / Green: transformed image (answer only)

Work / explanation:

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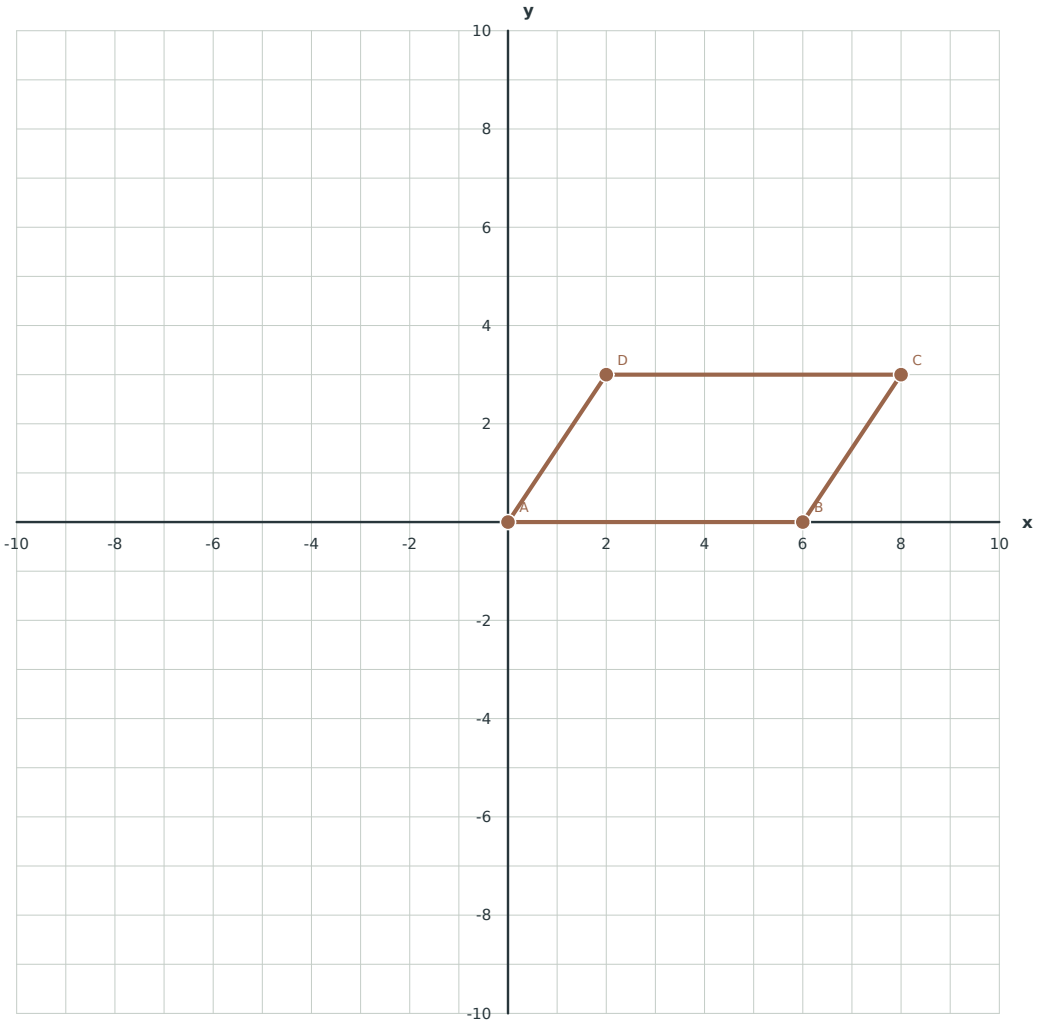
Half-size parallelogram

Vertices in order: A(0, 0); B(6, 0); C(8, 3); D(2, 3).

Dilate about (0, 0) by scale factor 1/2. Draw and label the image. State the length and area ratios.

REFERENCE / original information



Brown: original / Green: transformed image (answer only)

Work / explanation:

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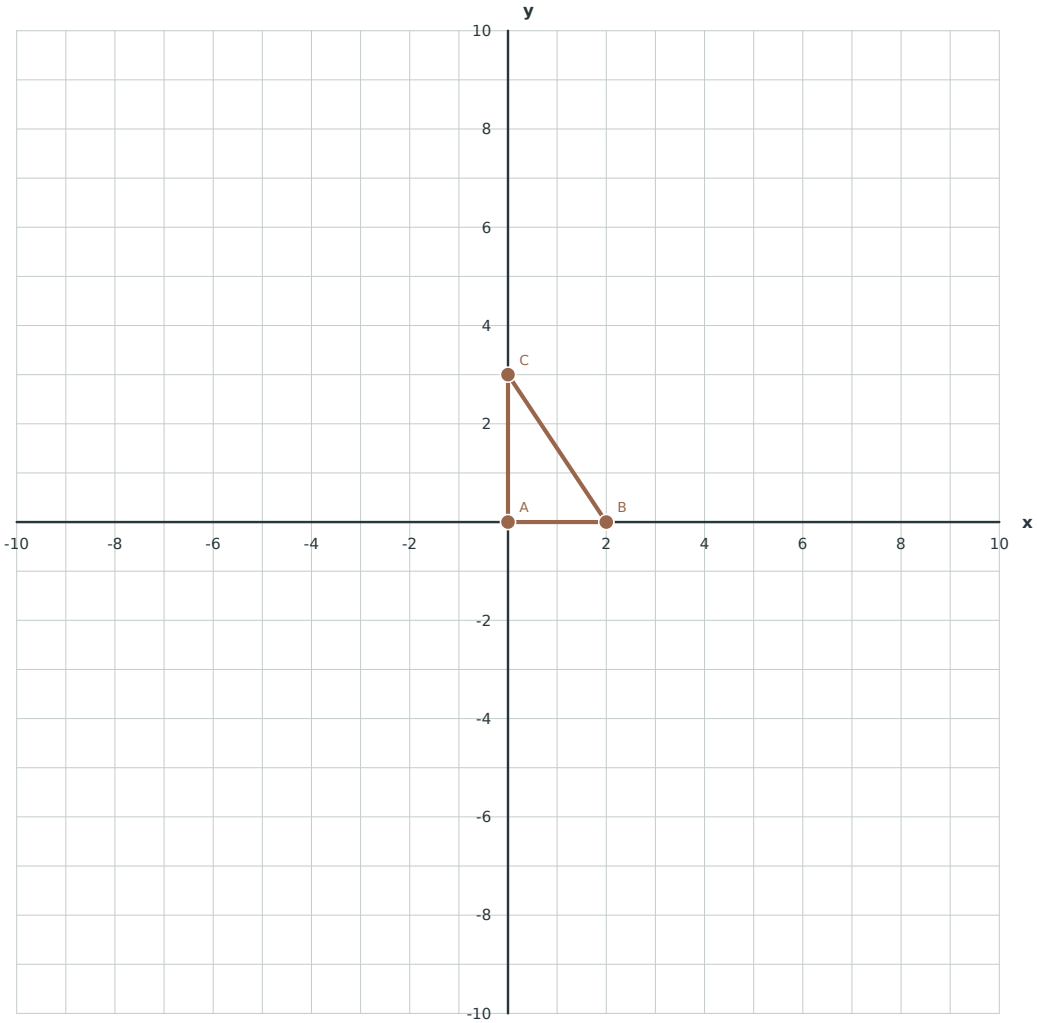
Triple a triangle

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

Dilate about (0, 0) by scale factor 3. Draw and label the image. State the length and area ratios.

REFERENCE / original information



Brown: original / Green: transformed image (answer only)

Work / explanation:

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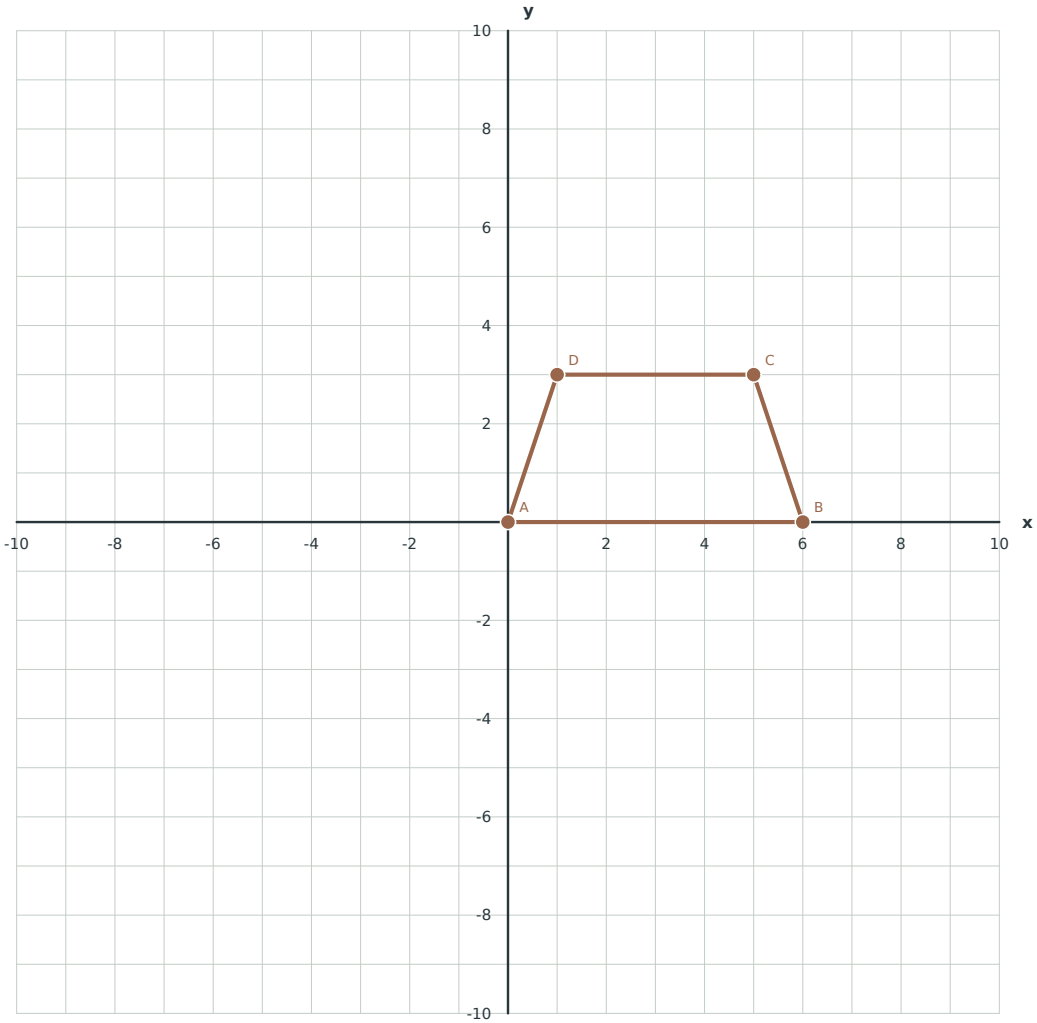
Two-thirds trapezoid

Vertices in order: A(0, 0); B(6, 0); C(5, 3); D(1, 3).

Dilate about (0, 0) by scale factor 2/3. Draw and label the image. State the length and area ratios.

REFERENCE / original information



Brown: original / Green: transformed image (answer only)

Work / explanation:

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