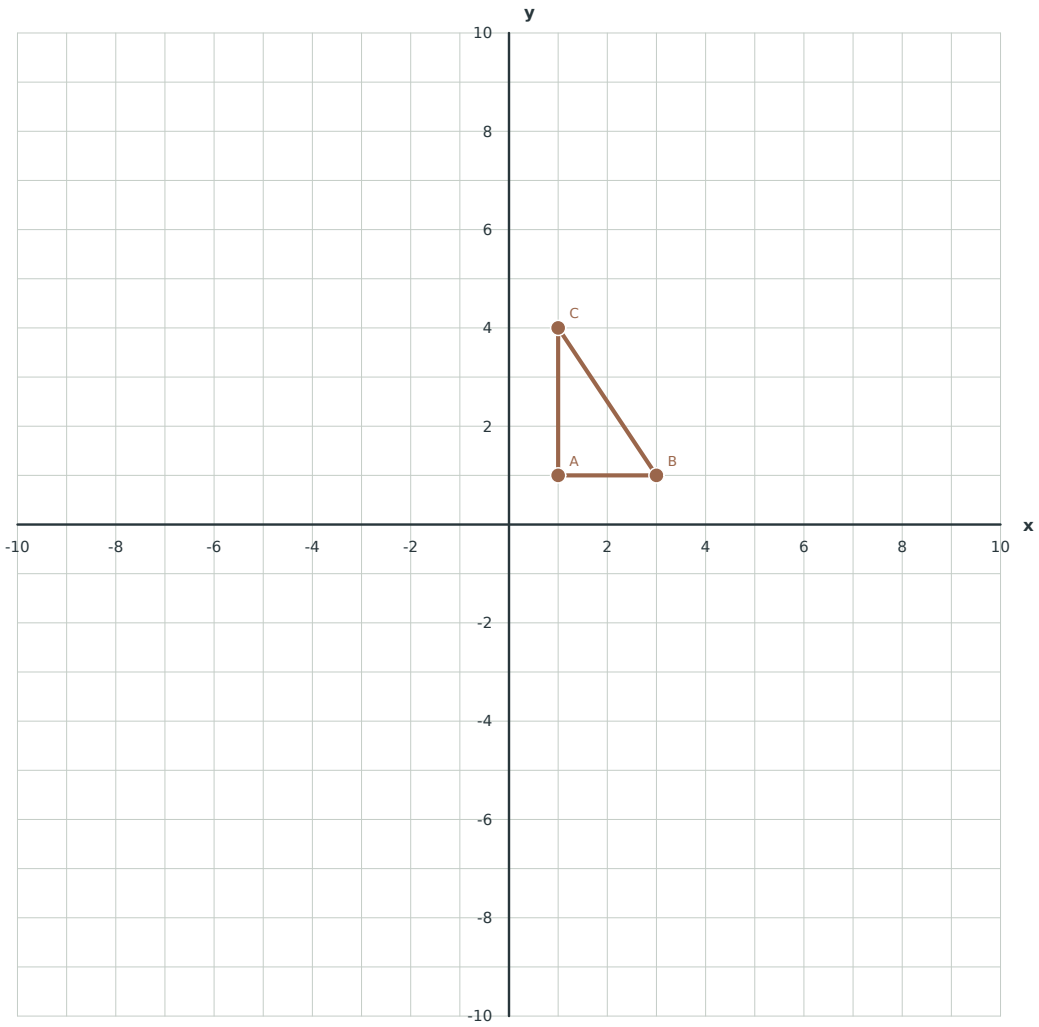
Double the triangle

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

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

YOUR WORK



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

Work / explanation:

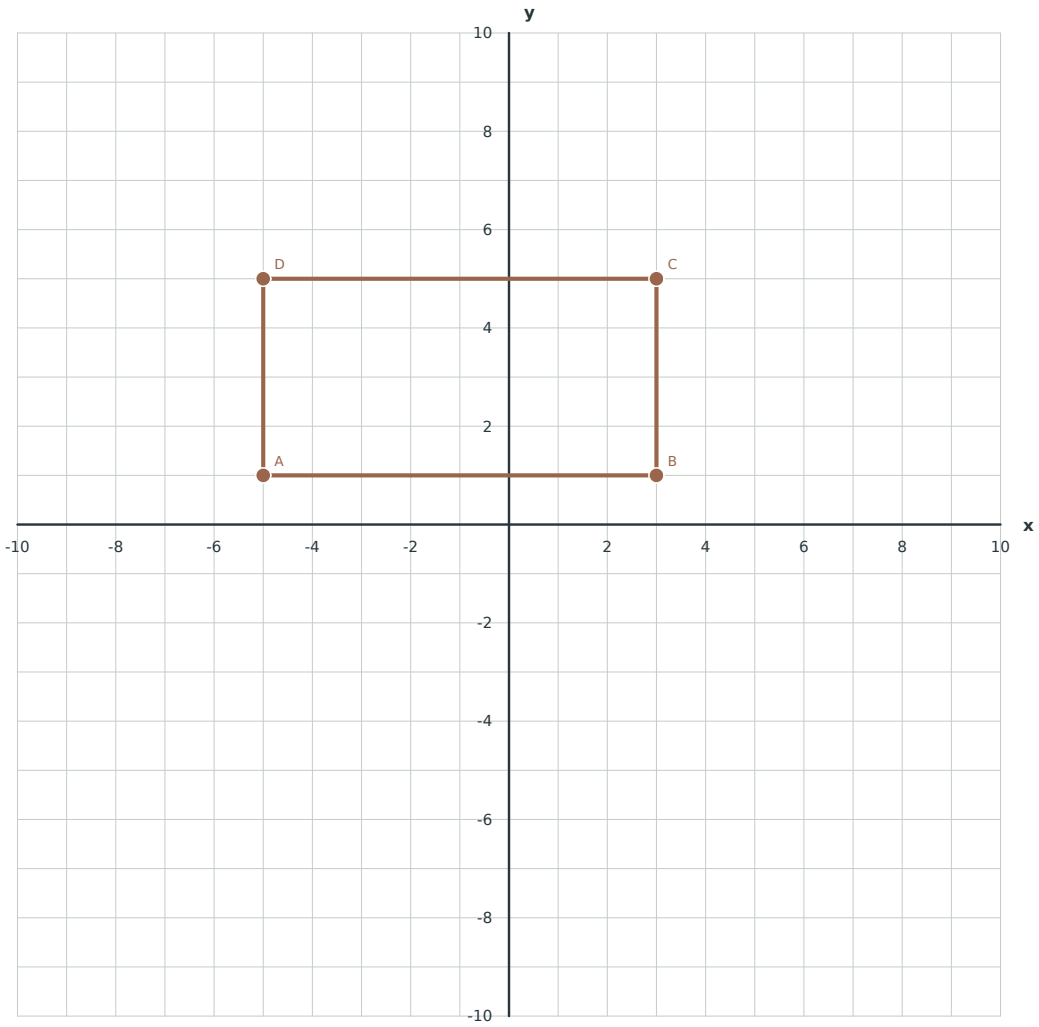
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Half-size rectangle

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

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

YOUR WORK



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

Work / explanation:

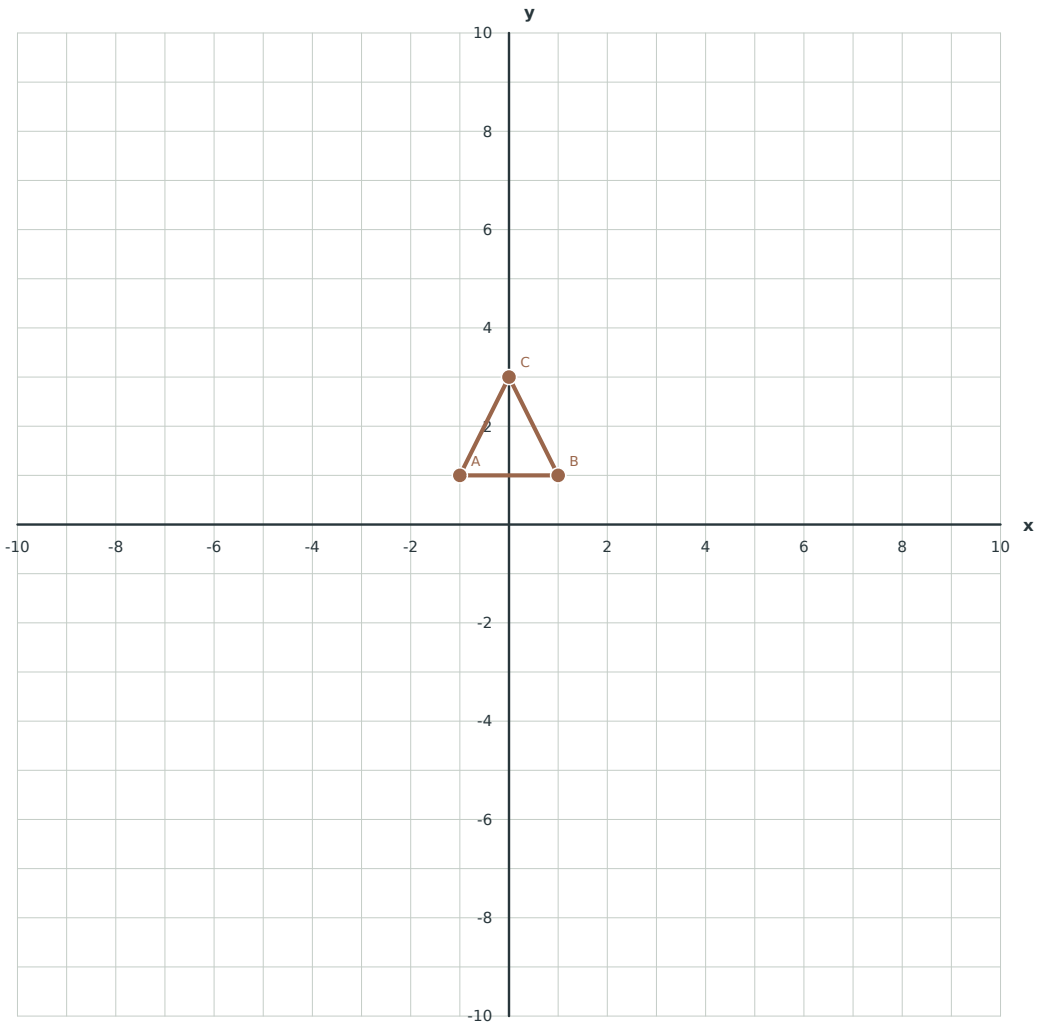
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Triple a triangle

Vertices in order: A(-1, 1); B(1, 1); C(0, 3).

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

YOUR WORK



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

Work / explanation:

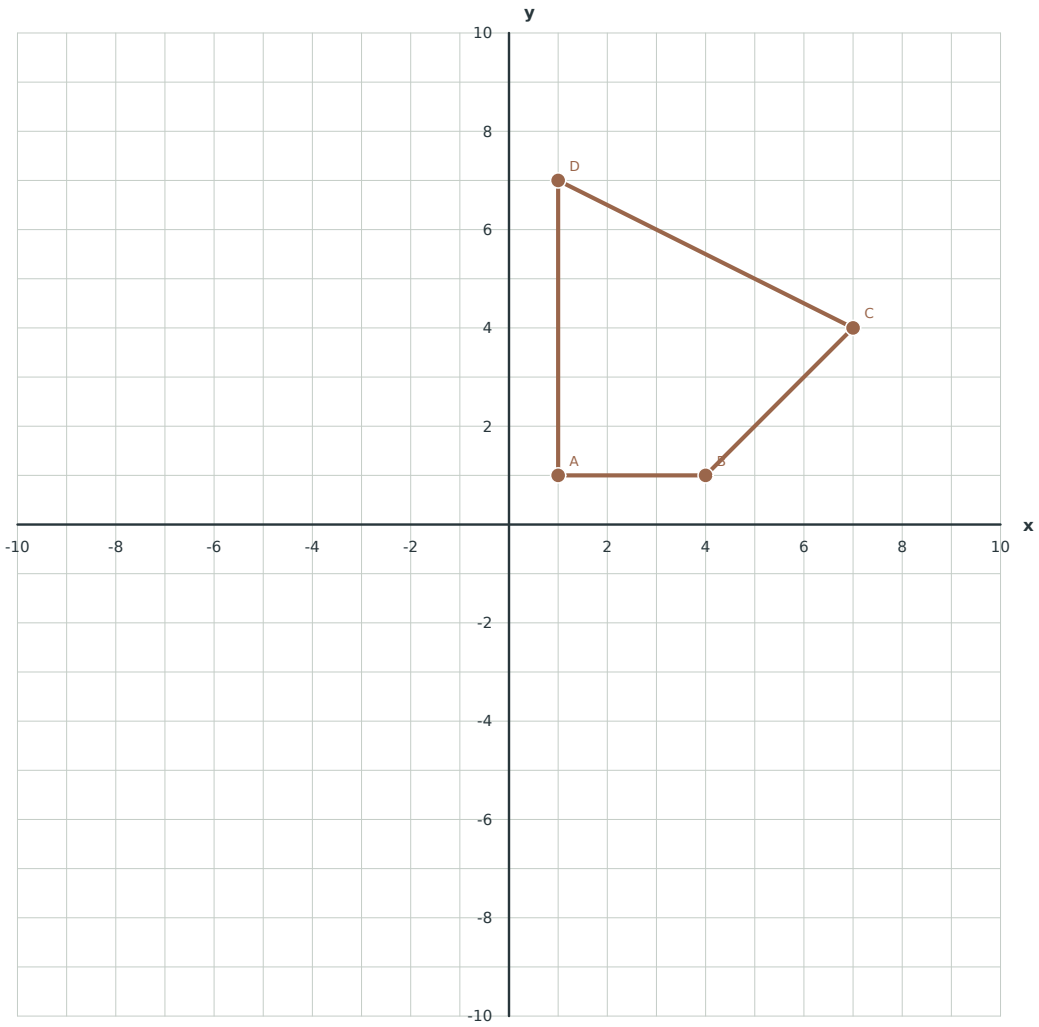
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Two-thirds quadrilateral

Vertices in order: A(1, 1); B(4, 1); C(7, 4); D(1, 7).

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

YOUR WORK



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

Work / explanation:

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