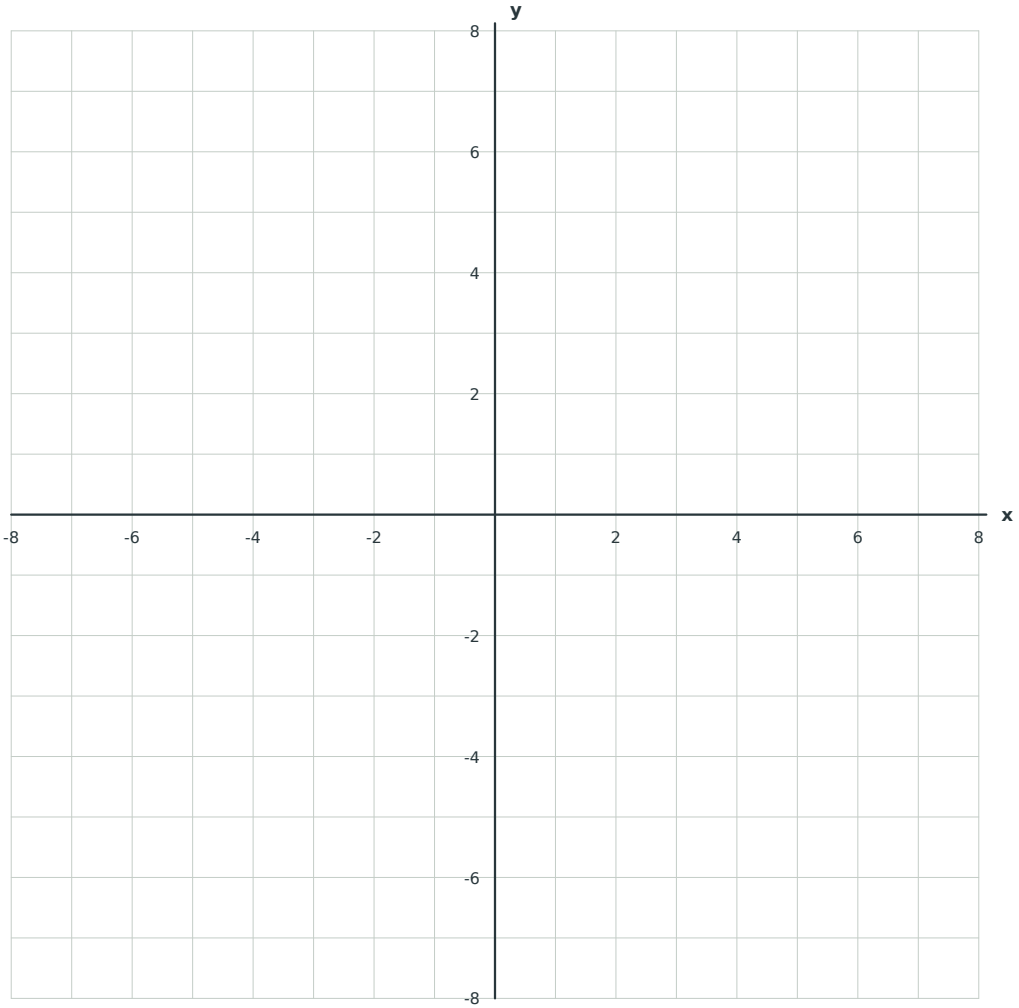
Reflect over x-axis

Plot the original point set, then apply the stated sign change. Join corresponding vertices in the same order.

Original points: [-4, 1], [-1, 4], [2, 1], [0, -1]; reflect over x axis.



1. State the reflected coordinates. _____

2. Which points remain on an axis? _____

3. Connect corresponding vertices. _____

Original practice data / coordinate units, not ruler measurements / physical printing not tested

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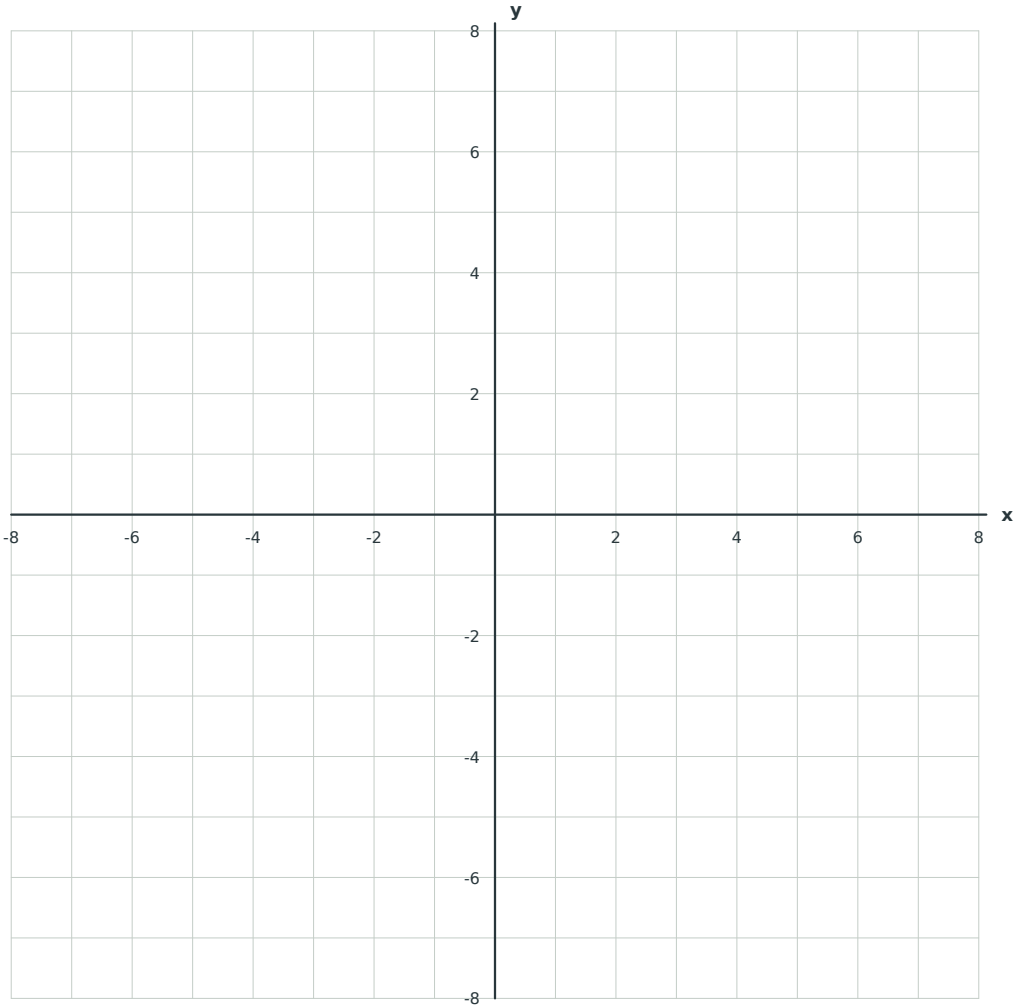
Reflect over y-axis

Plot the original point set, then apply the stated sign change. Join corresponding vertices in the same order.

Original points: [-4, -2], [-2, 2], [1, 3], [3, -1]; reflect over y axis.



1. State the reflected coordinates. _____

2. Which points remain on an axis? _____

3. Connect corresponding vertices. _____

Original practice data / coordinate units, not ruler measurements / physical printing not tested

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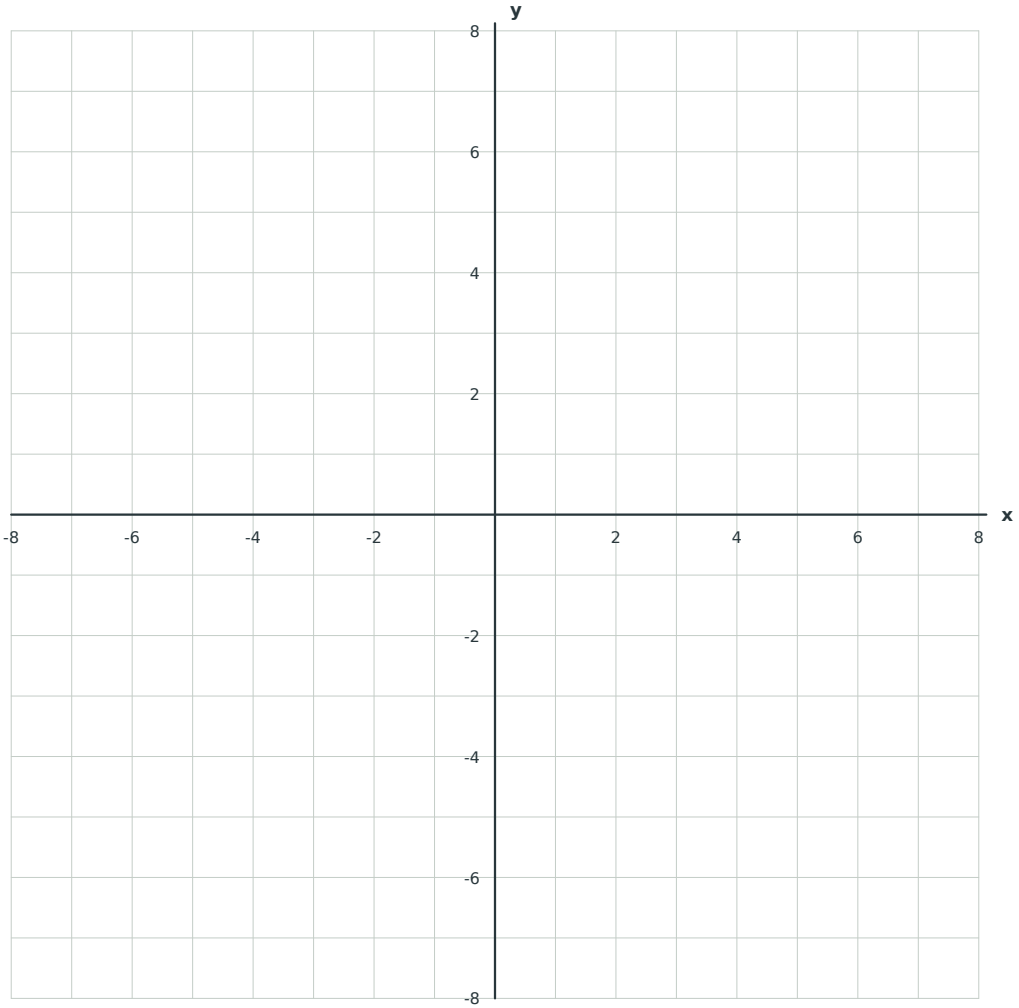
Reflect over both axes

Plot the original point set, then apply the stated sign change. Join corresponding vertices in the same order.

Original points: [-3, 1], [-1, 3], [2, 2], [1, -1]; reflect over xy axis.



1. State the reflected coordinates. _____

2. Which points remain on an axis? _____

3. Connect corresponding vertices. _____

Original practice data / coordinate units, not ruler measurements / physical printing not tested

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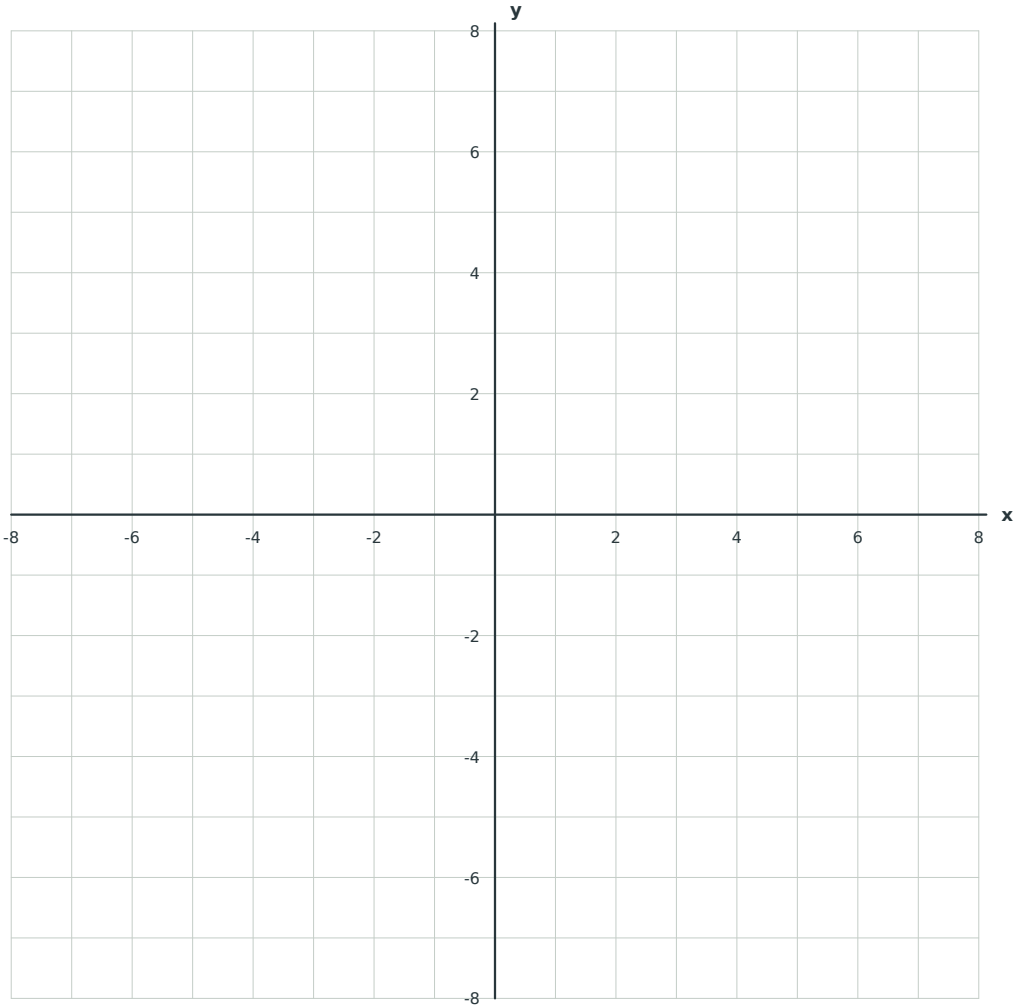
Compare a point set

Plot the original point set, then apply the stated sign change. Join corresponding vertices in the same order.

Original points: [-5, 0], [-3, 2], [0, 4], [2, 1], [4, 3]; reflect over y axis.



1. State the reflected coordinates. _____

2. Which points remain on an axis? _____

3. Connect corresponding vertices. _____

Original practice data / coordinate units, not ruler measurements / physical printing not tested

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