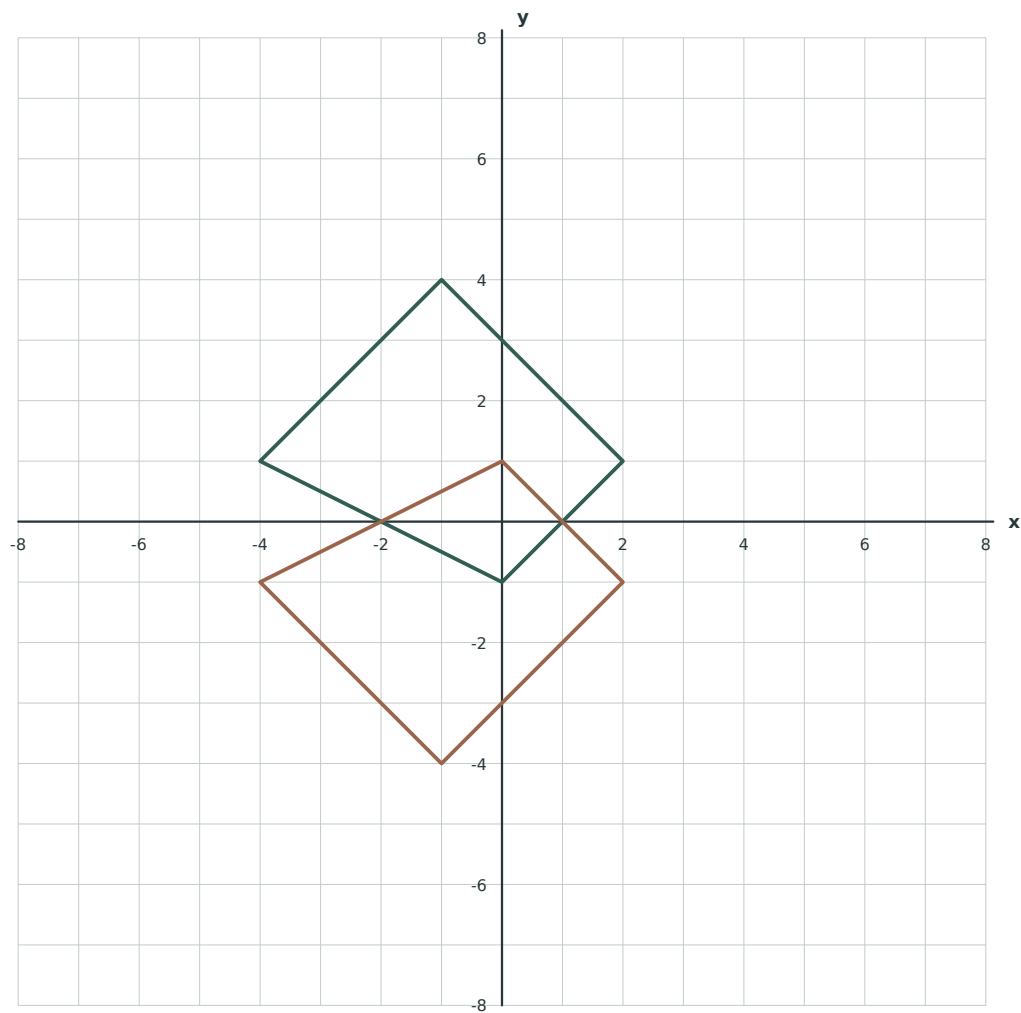


Reflect over x-axis

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.



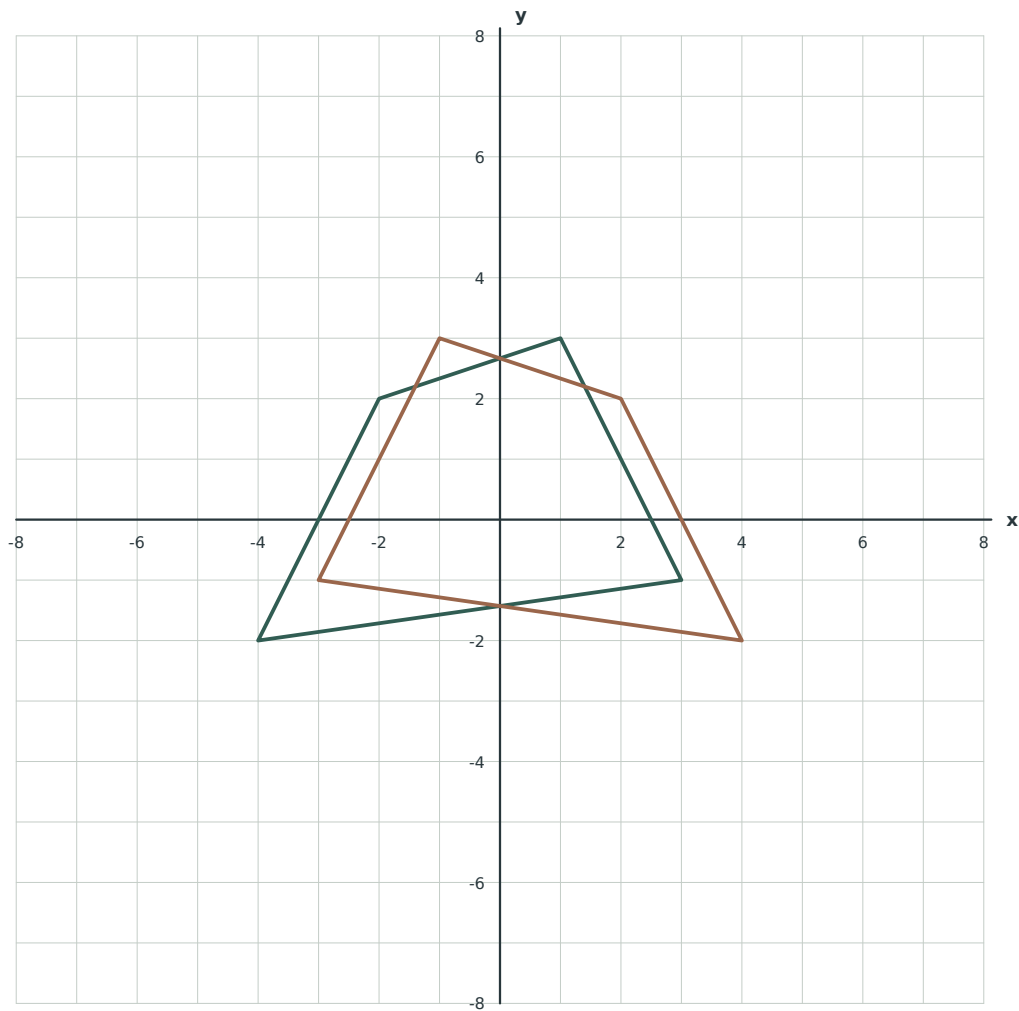
1. State the reflected coordinates. Compare the completed plot.
2. Which points remain on an axis? Compare the completed plot.
3. Connect corresponding vertices. Compare the completed plot.

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

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.



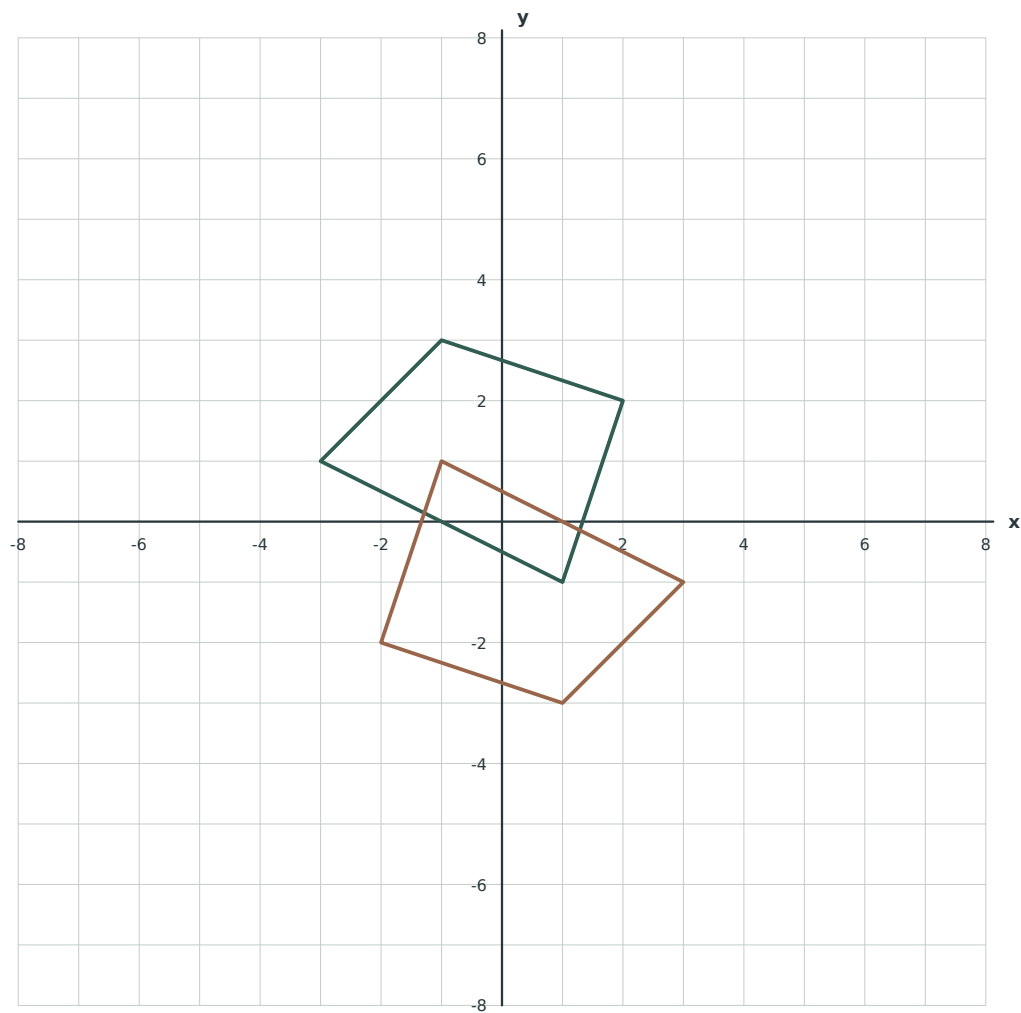
1. State the reflected coordinates. Compare the completed plot.
2. Which points remain on an axis? Compare the completed plot.
3. Connect corresponding vertices. Compare the completed plot.

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

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.



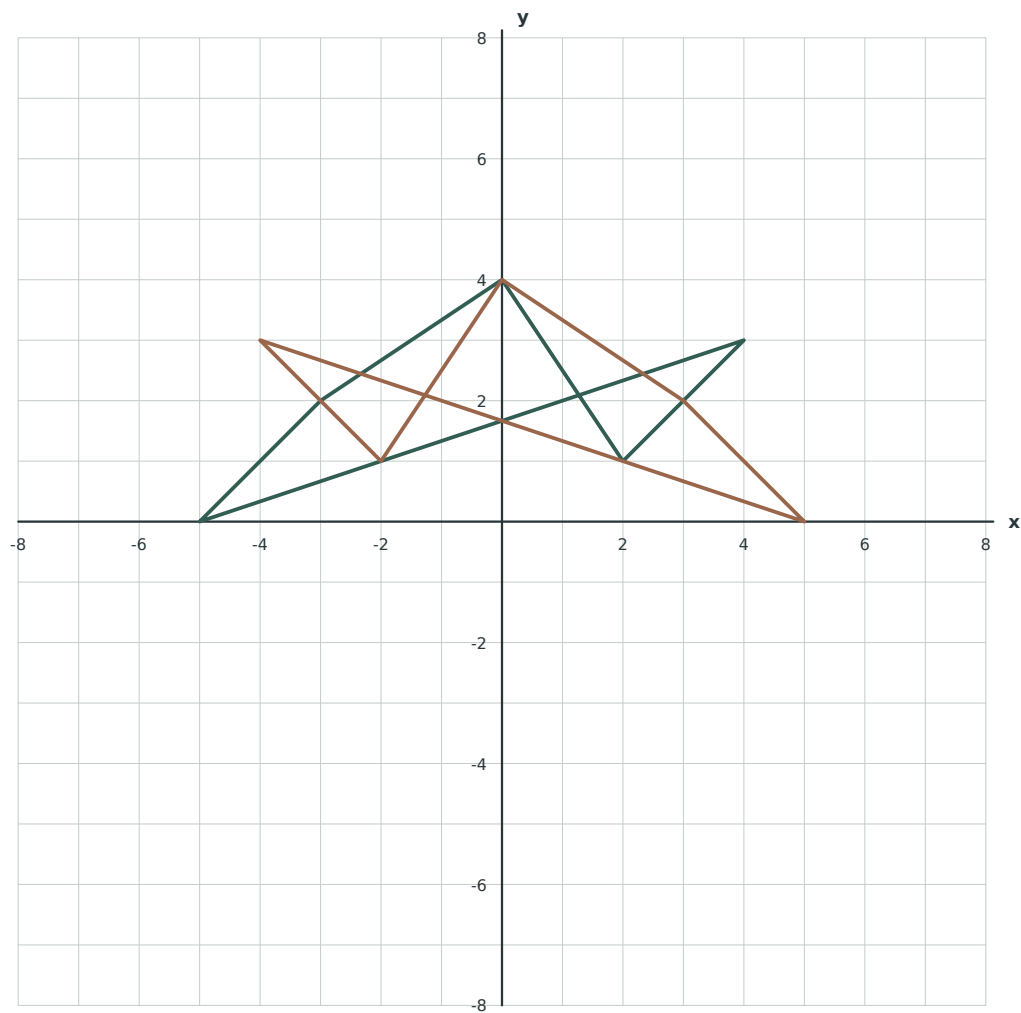
1. State the reflected coordinates. Compare the completed plot.
2. Which points remain on an axis? Compare the completed plot.
3. Connect corresponding vertices. Compare the completed plot.

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

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. Compare the completed plot.
2. Which points remain on an axis? Compare the completed plot.
3. Connect corresponding vertices. Compare the completed plot.

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