Mathematics

Reflecting Shapes Across the x Axis and the y Axis

Downloadable Resource

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Independent Task

A square with the coordinates (-5,4), (-5,2), (-3,4) and (-3,2) is reflected on an axis.

When reflected, (-5,4) becomes (-5,-4) and (-5,2 becomes (-5,-2).

i) Where is the line of reflection?

ii) What do the coordinates (-3,4) and (-3,2) reflect to? Explain how you know.