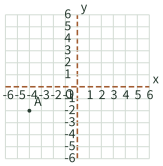
Reflecting whole figures and coordinates — Further practice

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Further practice 11

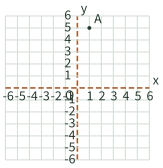
Find the reflection of A=(-4,-2) in the y-axis. Explain which coordinate changes.



Use the labelled axes and unit grid.

Further practice 12

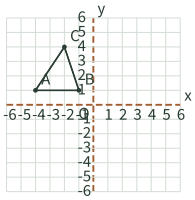
Find the reflection of A=(1,5) in the x-axis. Explain which coordinate changes.



Use the labelled axes and unit grid.

Further practice 13

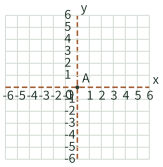
Construct the reflection of the whole triangle ABC in the y-axis. Reflect every vertex, then join the images in the same order.



Use the labelled axes and unit grid.

Further practice 14

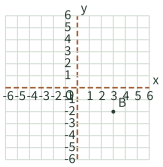
Find the reflection of A=(0,0) in the y-axis. Explain which coordinate changes.



Use the labelled axes and unit grid.

Extension 15

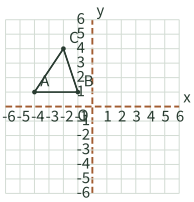
First reflect A=(3,2) in the x-axis, obtaining B=(3,−2). Now reflect B in the y-axis. Find the final point C.



Use the labelled axes and unit grid.

Extension 16

Construct the reflection of the whole triangle ABC in the x-axis. Reflect every vertex, then join the images in the same order.



Use the labelled axes and unit grid.