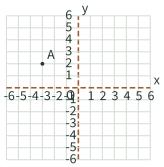
Reflecting whole figures and coordinates

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Worked example 1

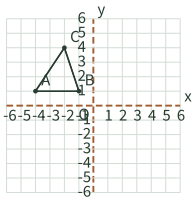
Find the reflection of A=(-3,2) in the y-axis. Explain which coordinate changes.



Use the labelled axes and unit grid.

Guided attempt 2

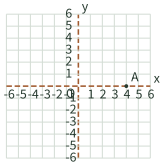
Construct the reflection of the whole triangle ABC in the y-axis. Reflect every vertex, then join the images in the same order.



Use the labelled axes and unit grid.

Prerequisite 3

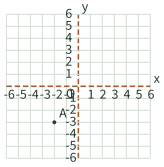
Find the reflection of A=(4,0) in the x-axis. Explain which coordinate changes.



Use the labelled axes and unit grid.

Prerequisite 4

Find the reflection of A=(-2,-3) in the x-axis. Explain which coordinate changes.



Use the labelled axes and unit grid.

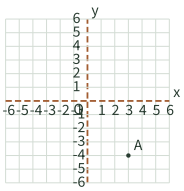
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Independent practice 5

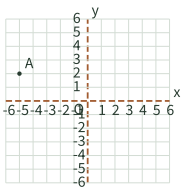
Find the reflection of A=(3,-4) in the x-axis. Explain which coordinate changes.



Use the labelled axes and unit grid.

Independent practice 6

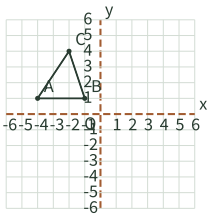
Find the reflection of A=(-5,2) in the y-axis. Explain which coordinate changes.



Use the labelled axes and unit grid.

Independent practice 7

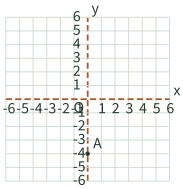
Construct the reflection of the whole triangle ABC in the x-axis. Reflect every vertex, then join the images in the same order.



Use the labelled axes and unit grid.

Independent practice 8

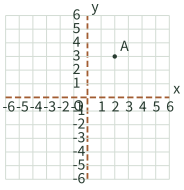
Find the reflection of A=(0,-4) in the y-axis. Explain which coordinate changes.



Use the labelled axes and unit grid.

Exit question 9

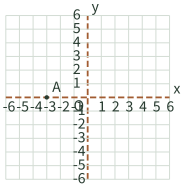
Find the reflection of A=(2,3) in the x-axis. Explain which coordinate changes.



Use the labelled axes and unit grid.

Exit question 10

Find the reflection of A=(-3,0) in the x-axis. Explain which coordinate changes.



Use the labelled axes and unit grid.