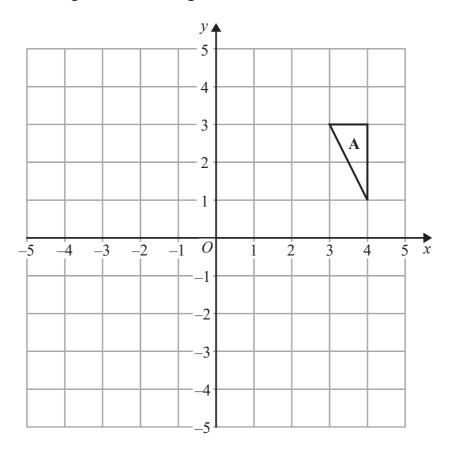**9** The diagram shows triangle **A** drawn on a grid.



Kyle reflects triangle **A** in the *x*-axis to get triangle **B**.
He then reflects triangle **B** in the line *y* = *x* to get triangle **C**.

Amy reflects triangle **A** in the line *y* = *x* to get triangle **D**.
She is then going to reflect triangle **D** in the *x*-axis to get triangle **E**.

Amy says that triangle **E** should be in the same position as triangle **C**.

Is Amy correct?
You must show how you get your answer.

**(Total for Question 9 is 3 marks)**

*Turn over* ▶