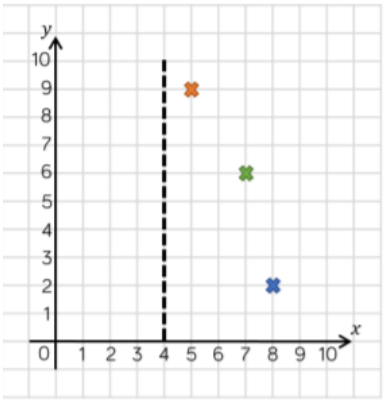
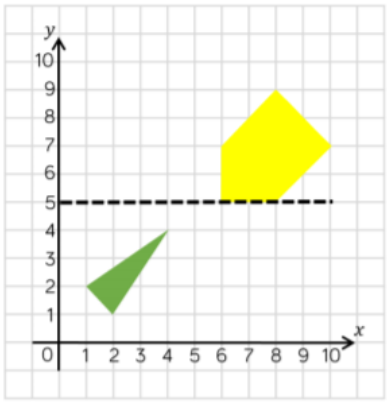
04/02/21- Spicy
LO: To identify, describe and represent the position of a shape following a reflection.

Which of the diagrams show reflections in the given mirror line?

Reflect the coordinates and the shapes in the mirror line.



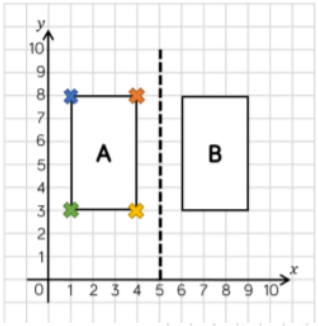


When you reflect a shape, its dimensions change.

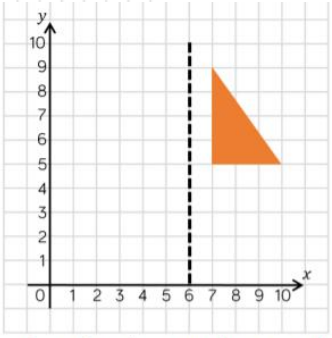
Dora

Do you agree with Dora?
Explain your thinking.

Object A is reflected in the mirror line to give image B.
Write the coordinates of the vertices for each shape.



	Original Coordinate	Reflected Coordinate
✖		
✖		
✖		
✖		



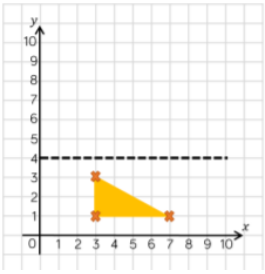
Eva reflects the shape in the mirror line.
She thinks that the coordinates of the vertices for the reflected shape are:

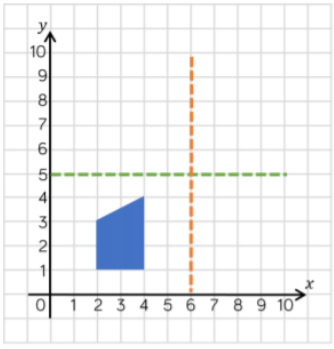
(5, 5) (2, 5) (2, 9)

Is Eva is correct?
Explain why.

Write the coordinates of the image after the object (triangle) has been reflected in the mirror line.

(,)
(,)
(,)





This is a shape after it has been reflected.
This is called the image.

Use the grid and the marked mirror lines to show where the original object was positioned.

Is there more than one possibility?