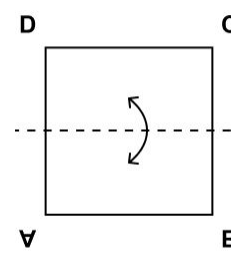
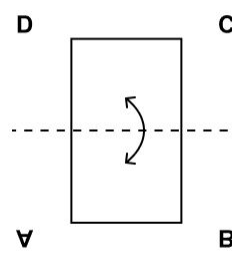
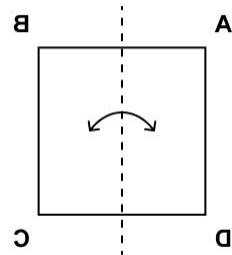
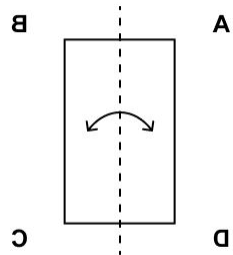
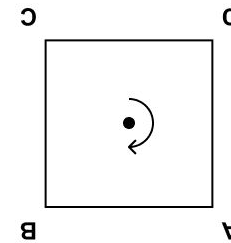
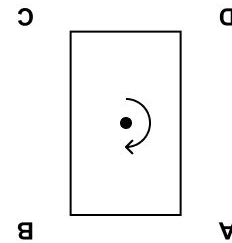
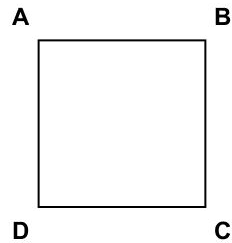
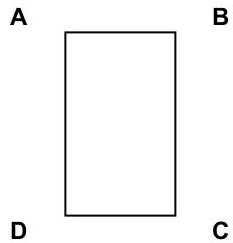




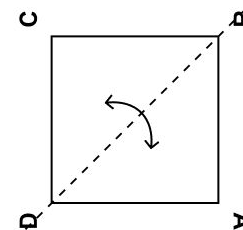
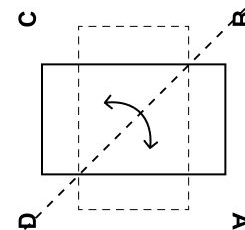
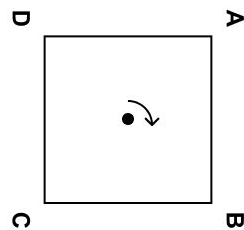
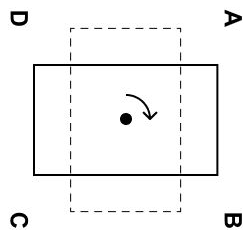
Symmetry Groups



Each symmetry of the rectangle is a symmetry of the square:



However, there are symmetries of the square that are **not** symmetries of the rectangle:





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Symmetry Groups



Can you find an image where **every symmetry** of the rectangle is a symmetry of the other image, and vice-versa? If so, how many images are there like this?

Try to sort your images into groups so that in each group, all the images have the exact same set of symmetries, then record the groups below: