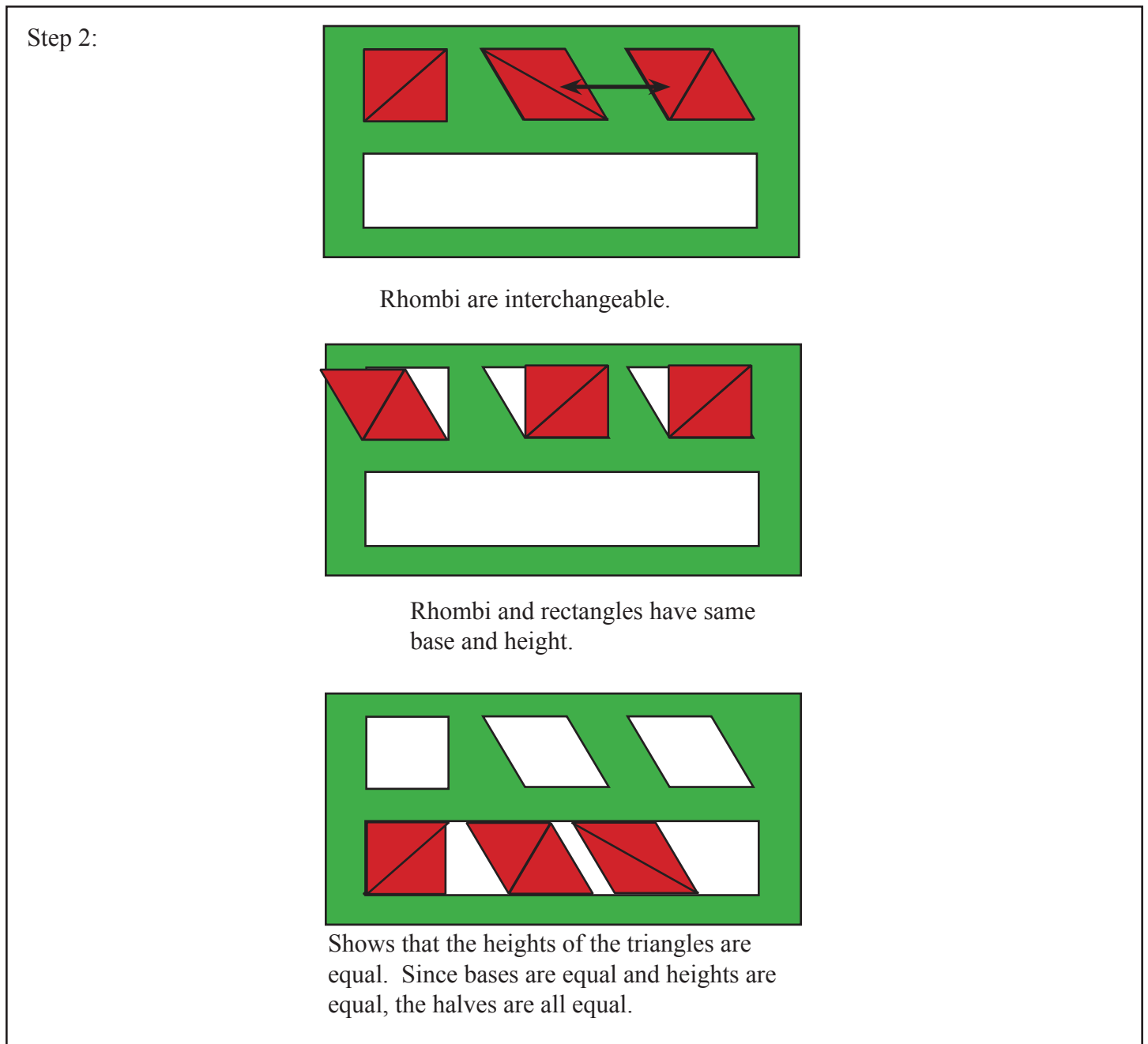
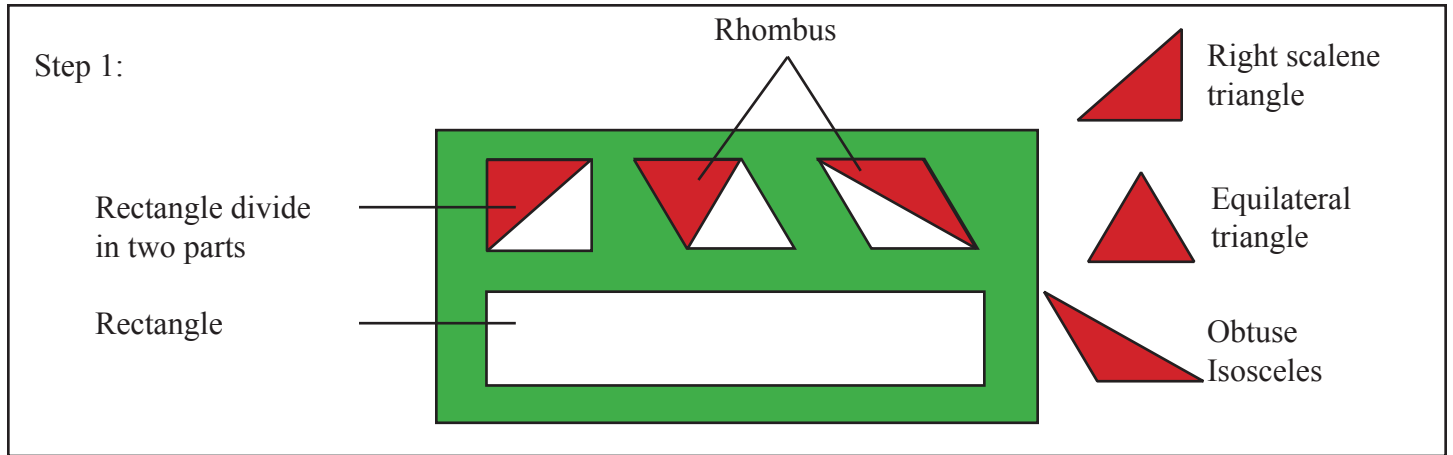
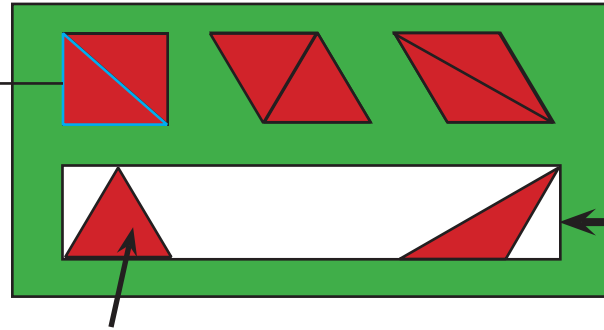


All triangles having the same base and height are equivalent.



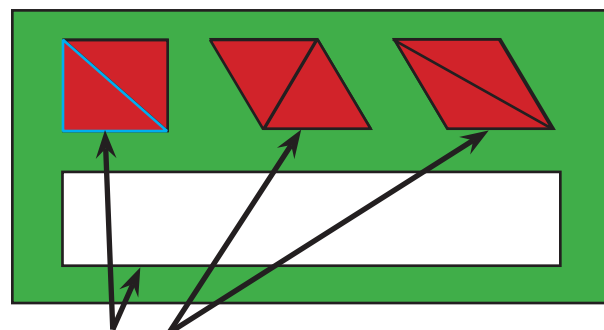
Step 3:

height of both rectangle and right triangle outlined in blue.



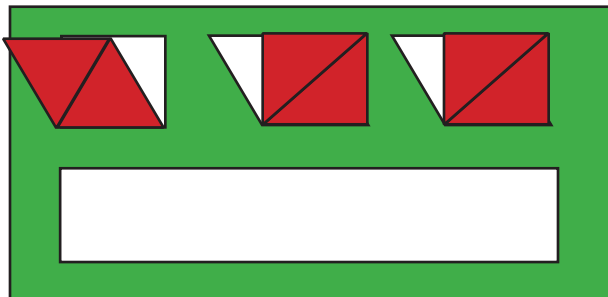
height of the rectangle is equal to the height of the obtuse triangle and rhombus 2 (note that the height is external to the triangle).

height of the rectangle is equal to the height of the acute triangle and rhombus 1.

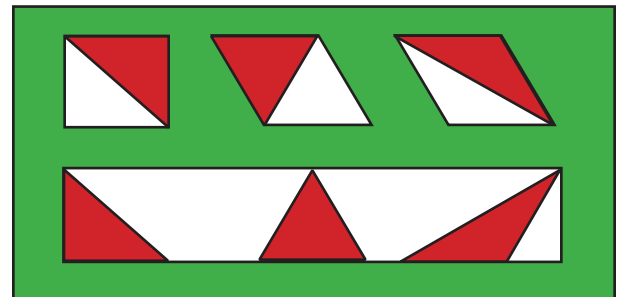


Base

Step 4:



Shows all of the shapes have the same base.



Rhombi and rectangles have same base and height.



Since these triangle have the same height and base we know they are equivalent.