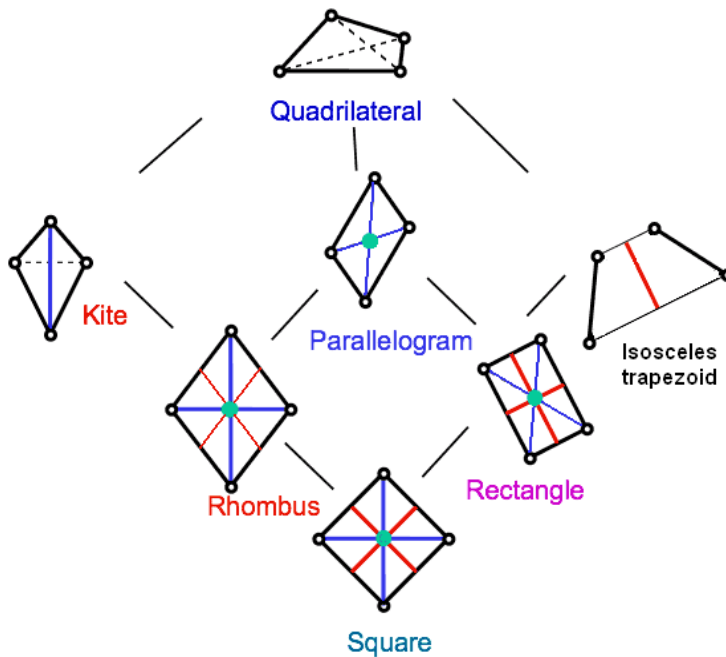**Task:**

There are how many lines of symmetry in quadrilaterals?

Solution:

The line of symmetry is a line which divides the pictures into two parts and they form a mirror image of the other, that is the images in the both the side of the line are reflection of other, when it is folded one side over the another along the line of symmetry are equal.

All lines of symmetry are marked red and blue on the picture.

1) 0 lines of symmetry – Arbitrary quadrilateral
2) 1 line of symmetry – Kite, Isosceles trapezoid
3) 2 lines of symmetry – Parallelogram
4) 4 lines of symmetry – Rectangle, Rhombus, Square