

Transforming Quadrilaterals

1. Show how it is possible (or show that it is not possible) to transform the following quadrilaterals into a square.

- a) A non-square rectangle
- b) An ordinary parallelogram
- c) A non-square rhombus
- d) An ordinary trapezoid

2. Show how it is possible (or show that it is not possible) to transform the following quadrilaterals into a trapezoid.

- a) A non-square rectangle
- b) An ordinary parallelogram
- c) A non-square rhombus
- d) An ordinary trapezoid

3. Show how it is possible (or show that it is not possible) to transform the following quadrilaterals into a non-square rectangle.

- a) A square
- b) An ordinary parallelogram
- c) A non-square rhombus
- d) An ordinary trapezoid

4. Show how it is possible (or show that it is not possible) to transform the following quadrilaterals into a non-square rhombus

- e) A square
- f) An ordinary parallelogram
- g) A non-square rectangle
- h) An ordinary trapezoid