

Midpoint Quadrilateral

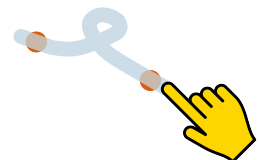
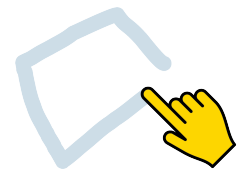
Prerequisites and Objectives

- ▶ The students know different quadrilateral shapes, such as rectangles, squares, parallelograms and kites.
- ▶ They create the midpoints of the sides of a quadrilateral and investigate the midpoint quadrilateral.
- ▶ They prove that this midpoint quadrilateral is a parallelogram.

sketchometry

The students should know,

- ▶ how to draw a quadrilateral,
- ▶ how to find the midpoint of a line segment,
- ▶ how to switch on grid,



Properties >  *Board* >  *Grid* >  *Grid*

Further Exploration

- ▶ The students explore the midpoint quadrilateral for other quadrilateral shapes.