

Morphing quadrilaterals

 $\frac{http://topdrawer.aamt.edu.au/Geometric-reasoning/Assessment/Assessment-approaches/Creative-construction/Morphing-quadriliaterals}{\label{eq:construction}}$

Open the file <tdt_G_morphingrectangle.ggb> and manipulate the diagram. Notice how the shape remains a rectangle.

The challenge: Without using the polygon tool in GeoGebra, create your own file which illustrates a parallelogram, a square, a kite and a rhombus all of which retain their quadrilateral type even though you can move their vertices.

AAMT — TOP DRAWER TEACHERS

© 2013 Education Services Australia Ltd, except where indicated otherwise. This document may be used, reproduced, published, communicated and adapted free of charge for non-commercial educational purposes provided all acknowledgements associated with the material are retained.

