

Teacher solutions for the Symmetry Testing Activity

The dark dashed lines are those lines of symmetry that were correct on the original activity sheet. The paler dashed lines are also lines of symmetry.

Note the following:

- The diagonals of the rectangle are not lines of symmetry, except in the case of the square.
- The parallelogram shown does not have any lines of symmetry, despite appearing to be symmetrical (it actually has rotational symmetry rather than mirror symmetry)
- The circle has infinitely many lines of symmetry because any diameter (line through the centre) will be a line of symmetry.

