

7.5 Reflections & Line Symmetry

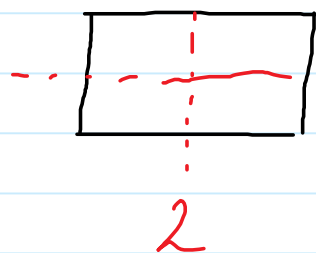
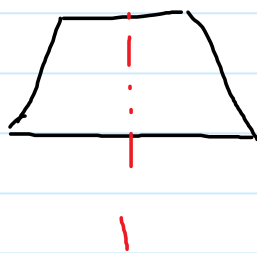
7.6 Rotations & Rotational Symmetry

June 4, 2015 1:03 PM

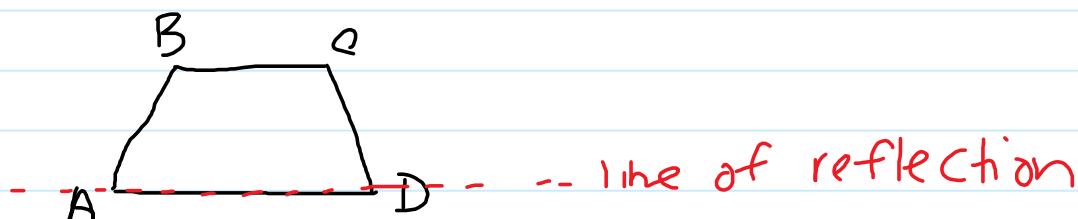
Line of Symmetry

- must pass thru the centre of the design
- mirror image

Ex #1 Determine lines of symmetry



Ex #2 Reflections



Rotations

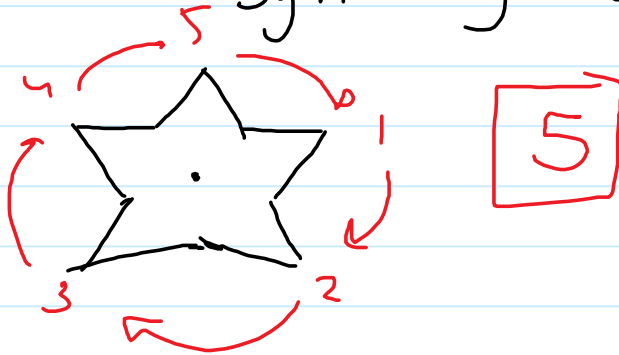
- may be clockwise or counterclockwise at a point
- some common rotations are 90° , 180° , 270°

Rotational Symmetry

- when a shape can be turned less than 360° about its centre to match itself exactly
- the # of matches in a complete turn

is The order of rotation

Ex #3 Find the order of rotational symmetry for this star



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