Symmetry Pattern in Nature Drawing: Mirror Axes for Leaves, Flowers, and Shells

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

A half-drawn leaf has its midrib on the dashed axis. On the drawn side, the leaf tip is 6.0 cm from the base along the axis, the widest point is 2.5 cm from the axis, and the first side vein starts 1.5 cm from the base and ends 2.0 cm from the axis. Describe how to complete the blank half and give two check measurements.

Answer: Mark the tip at 6.0 cm from the base on the axis. Mark the widest point 2.5 cm from the axis on the blank side, at the same distance from the base as on the drawn side. Mark the first vein start 1.5 cm from the base on the midrib and its end 2.0 cm from the axis. Connect the marks with smooth curves. Check that the widest point is 2.5 cm from the axis on both sides and that the first vein end is 2.0 cm from the axis on both sides.