Draw Deer Antlers: Beam Taper, Tine Order, and Symmetry

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 student draws a left antler with a beam length of 10 cm, a base width of 1.2 cm, and a tip width of 0.4 cm. They mark four branch points at 2 cm, 4 cm, 6 cm, and 8 cm from the base. The first tine is 3 cm long, the second is 2.5 cm, the third is 2 cm, and the fourth is 1.5 cm. Check whether the taper and tine lengths follow the lesson's guidance.

Answer: The beam tapers from 1.2 cm to 0.4 cm, which is a clear gradual reduction. The branch points are evenly spaced every 2 cm, which is consistent. The tine lengths decrease from 3 cm to 1.5 cm, so later tines are shorter. The remaining beam above the fourth branch point is 2 cm, and the fourth tine is 1.5 cm, so the tine is shorter than the remaining beam. The construction follows the lesson's guidance.