Draw a Flying Dragon: Spread Wings and Airborne Pose

Original tasks 1, 2 / independent work

Task 1

A dragon has a body length of 8 cm from chest to tail base. Using a hypothetical wing span ratio of 1.5 times body length, calculate the total wing span and the length of each wing from shoulder to tip.

Task 2

A dragon's body axis is tilted 30 degrees from horizontal. If the chest is 4 cm above the tail base along the vertical direction, what is the approximate horizontal distance from chest to tail base? Use the tangent relationship tan(30°) ≈ 0.58, and label the result as a hypothetical example.

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Original tasks 3, 4 / independent work

Task 3

You draw a left wing with a shoulder-to-wrist segment of 3 cm and a wrist-to-tip segment of 4 cm. For a symmetrical spread-wing pose, what should the right wing's two segment lengths be, and what is each wing's total length?

Task 4

A dragon drawing uses an x-height convention where the baseline-to-midline distance is 2 cm. The wing membrane's lower edge dips 1.5 cm below the wrist line at its lowest point. If the wrist line is 6 cm above the baseline, what is the height of the membrane's lowest point above the baseline?