Draw a Lamppost in Perspective: Base Ellipse and Cast Shadow

Original tasks 1, 2 / independent work

Task 1

A base center is 4 cm below the horizon. The post is 8 cm tall. The sun arrow points down-left. Using a shadow length equal to 1.5 times the post height, state the shadow direction and tip distance from the base center.

Task 2

An ellipse has a major axis of 6 cm. Using the lesson's hypothetical one-third ratio for the minor axis, what is the minor axis length, and which axis is horizontal?

Draw a Lamppost in Perspective: Base Ellipse and Cast Shadow

Original tasks 3, 4 / independent work

Task 3

A post is drawn 9 cm tall with its base 5 cm below the horizon. The shadow tip is marked 18 cm from the base center. What shadow-length ratio was used, and is the shadow direction toward or opposite the sun arrow?

Task 4

A student draws a post with sides leaning toward the vanishing point and a shadow pointing toward the sun arrow. Name the two errors and give one fix for each.