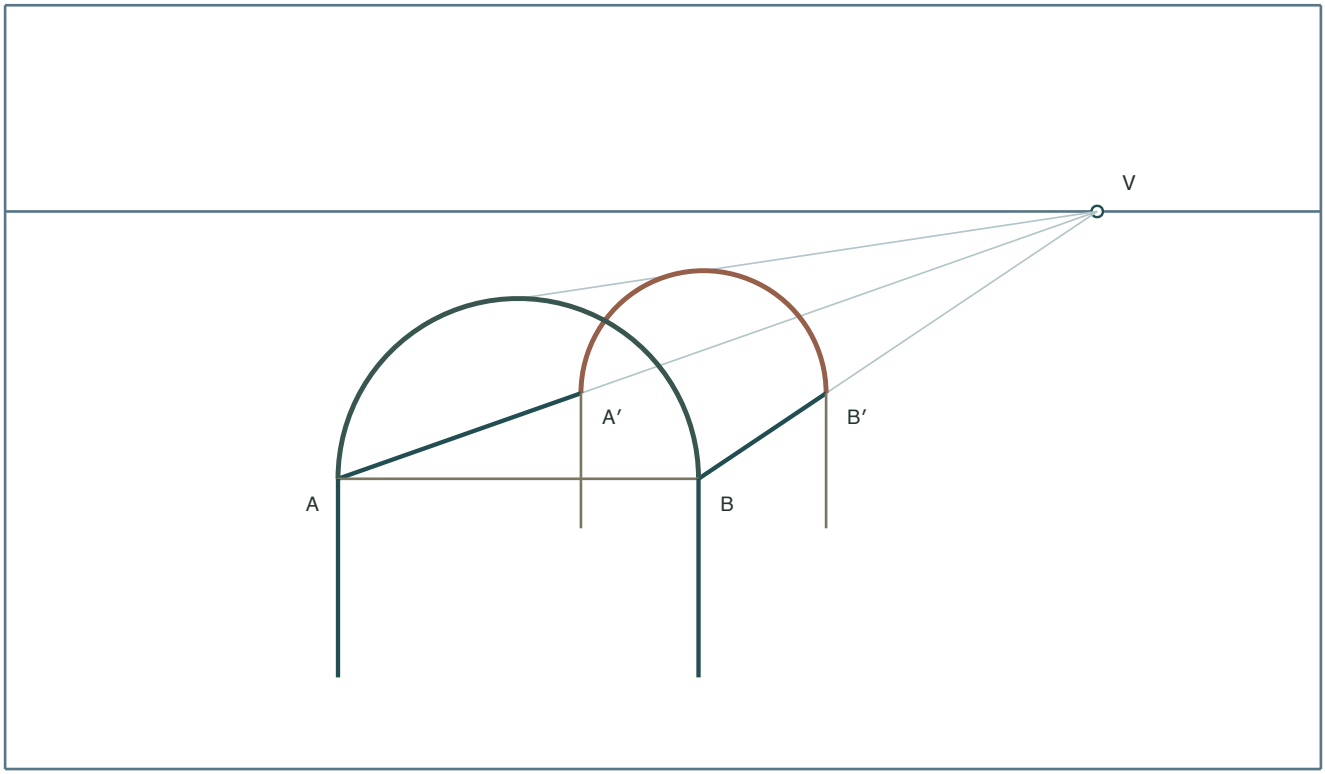
Draw Arches in Perspective

Reference I Worked example I A4

Original prompt

Draw a round arch in one-point perspective with a curved span and visible depth.



Answer

A and B mark the front span on the horizontal springing line. Draw rays from those points and the crown to V. The example's back points, including A′ and B′, sit at the same fraction along their rays. The smaller back span joins those points. Connect A to A′ and B to B′ and add the upright supports.

Reasoning

The front face is drawn as a true semicircle because it faces the viewer squarely; depth is built by projecting matching points to the vanishing point, which keeps the back curve consistent with the front.

Check

Confirm the front reads as a semicircle, all projection lines meet at one vanishing point, the back curve is smooth, and the supports are vertical.