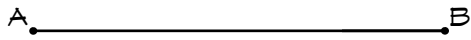
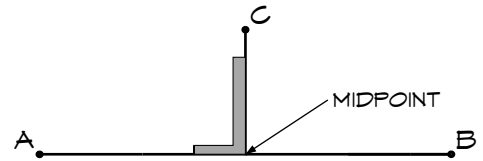


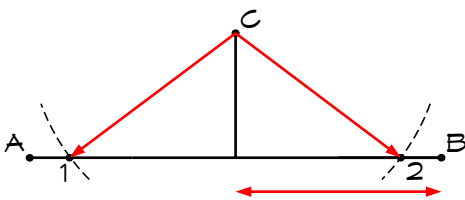
DRAWING AN ELLIPTICAL ARCH (THE STRING METHOD)



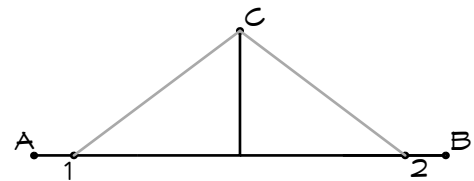
Step 1: Using a straight edge, draw out the spring line of the arch.



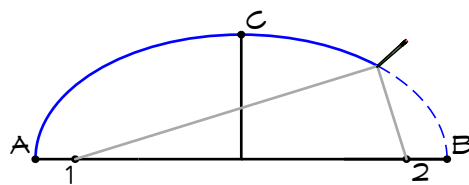
Step 2: Use a square to draw a perpendicular height line from the midpoint of the spring line.



Step 3: Locate focal points 1 and 2 by using half the spring line's length to measure from point C back to the spring line.



Step 4: Set pins (nails/screws) at points: 1, 2, and C. Then tightly stretch a string from point 1 over point C to point 2.



Step 5: Keeping the string's length set, remove the pin from point C and use the string as a guide to draw the arch from point A to B.