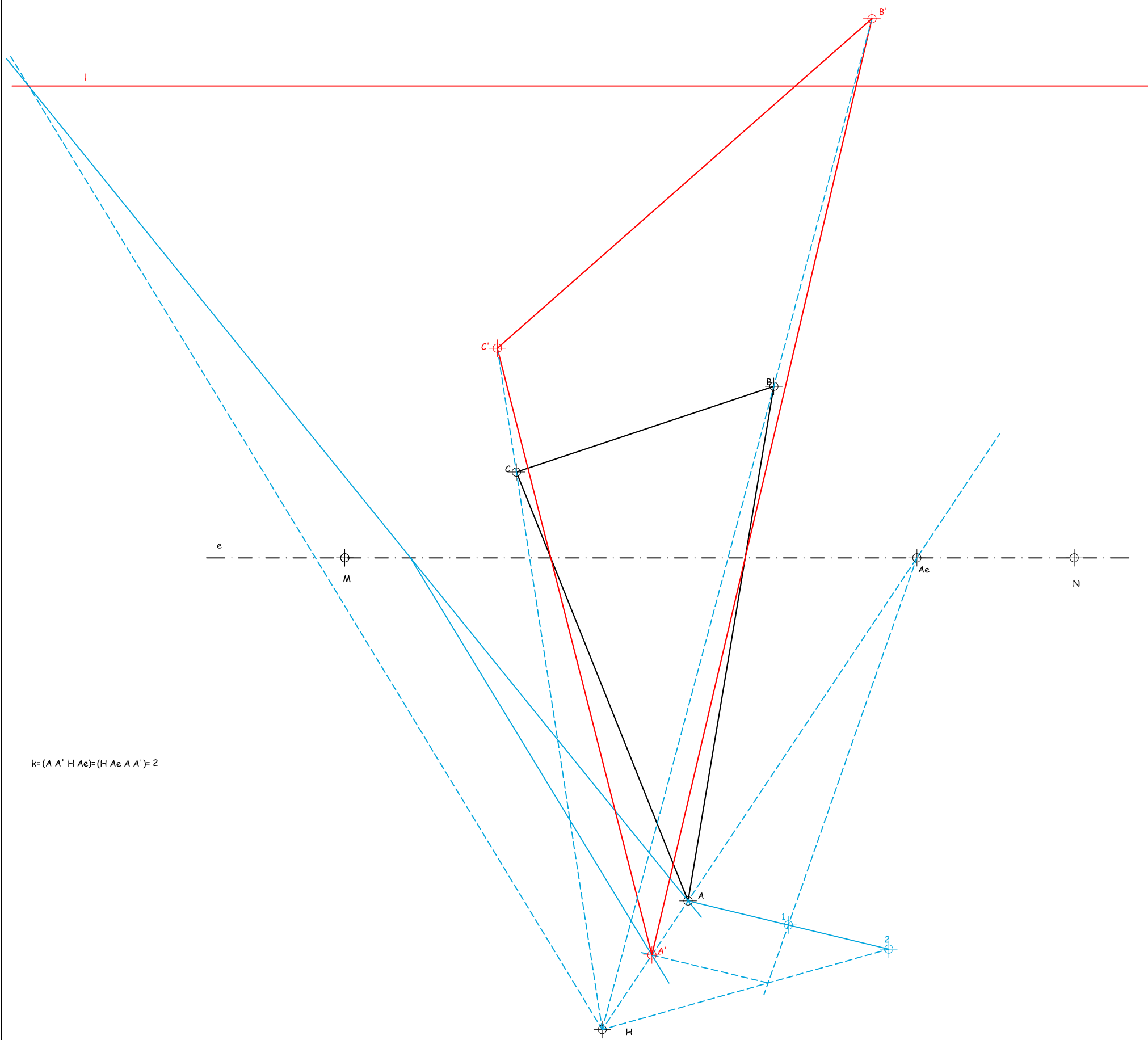




$$k = (A \ A' \ H \ Ae) = (H \ Ae \ A \ A') = 2$$