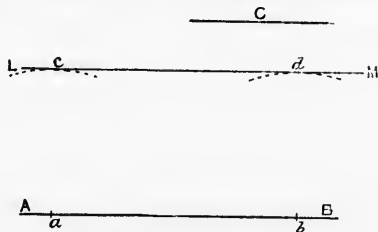


GIVEN LINE PENDICULAR

PROBLEM 7.—TO DRAW A STRAIGHT LINE PARALLEL TO A GIVEN STRAIGHT LINE **AB**, AND AT A GIVEN DISTANCE, **C**, FROM IT.



re cutting the

About **C** as centre describe an arc of any radius, cutting **AB** in **b**.
With the same radius and **b** as n centre, describe the arc **Cc**, cutting **AB** in **c**.
From **b** measure n chord **ab** equal to the chord **Cc**.
The line **CaL** will be the required parallel line.

Join $d B$ and through the points a, b , etc., draw lines parallel to $d B$, meeting $A B$ in L, M , etc., and dividing $A B$ in the desired ratio.