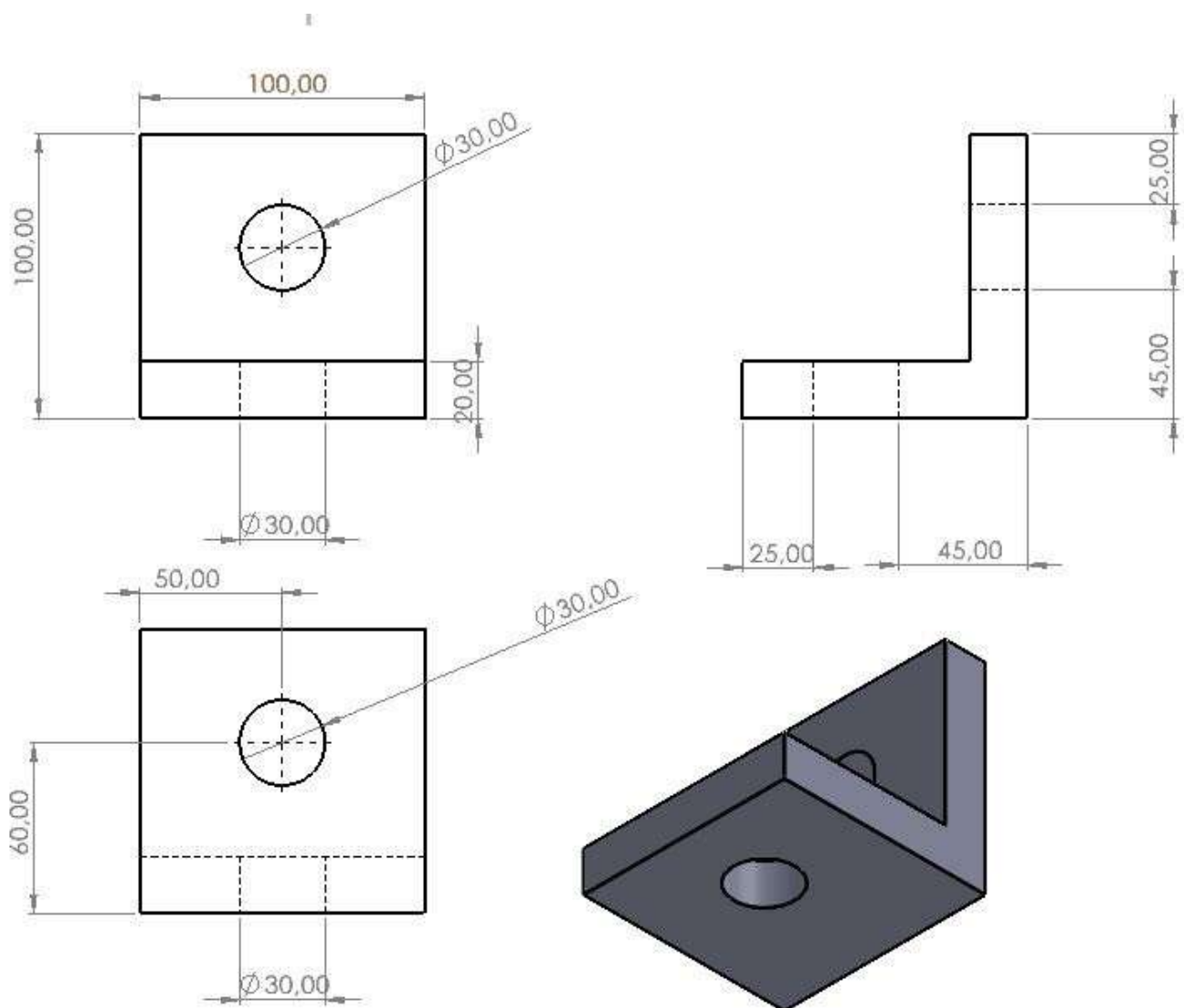




The part given in the figure is to be sand cast.

- 1) Write down molding procedure and draw the mold ready to casting.
- 2) Design a cylindrical runner D/h is equal to $1/2$. From previous studies, the mold constant for the part is determined as 2.3 min/cm^2