
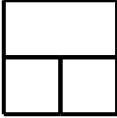
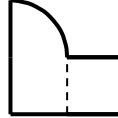

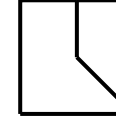
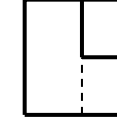
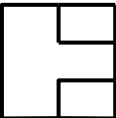
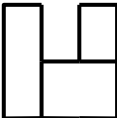
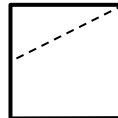
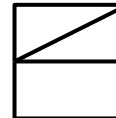
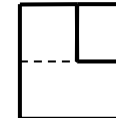
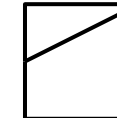
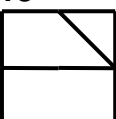
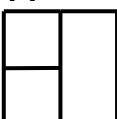
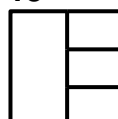
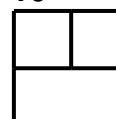

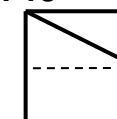
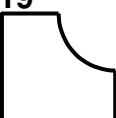
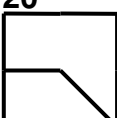
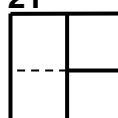
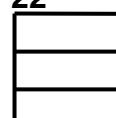

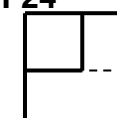
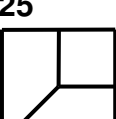
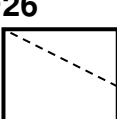
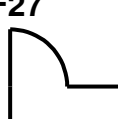
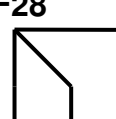
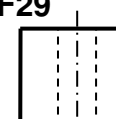
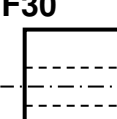
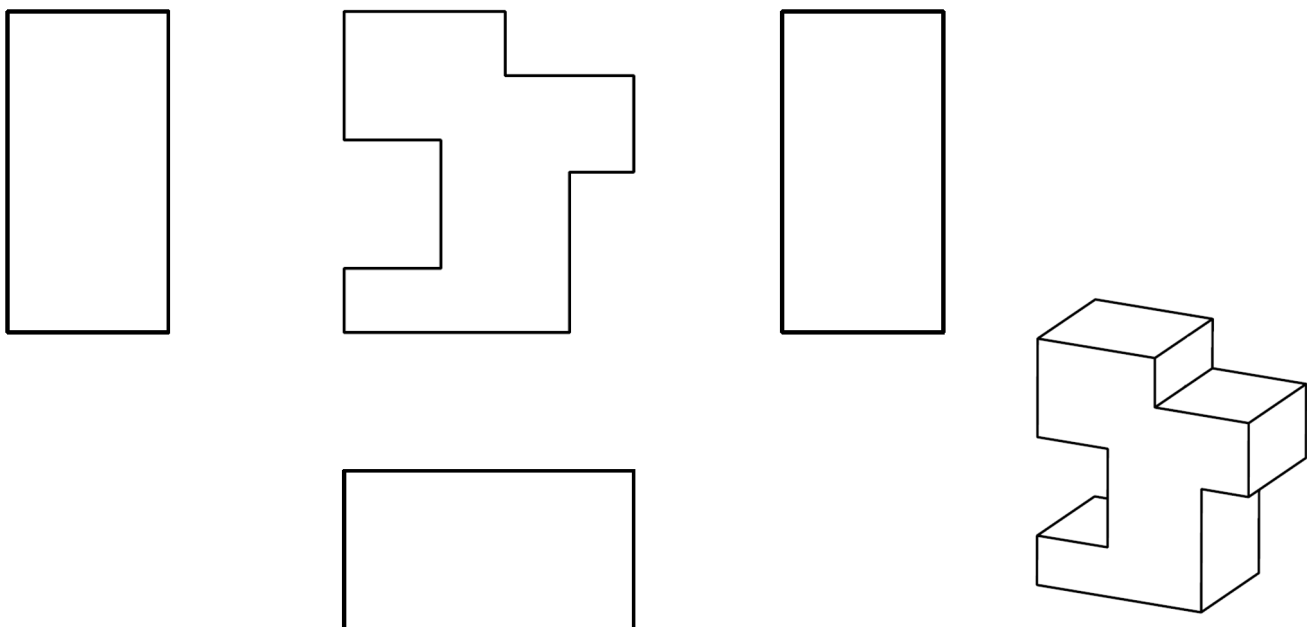

Travaux dirigés – Communication technique, représentation, schématisation

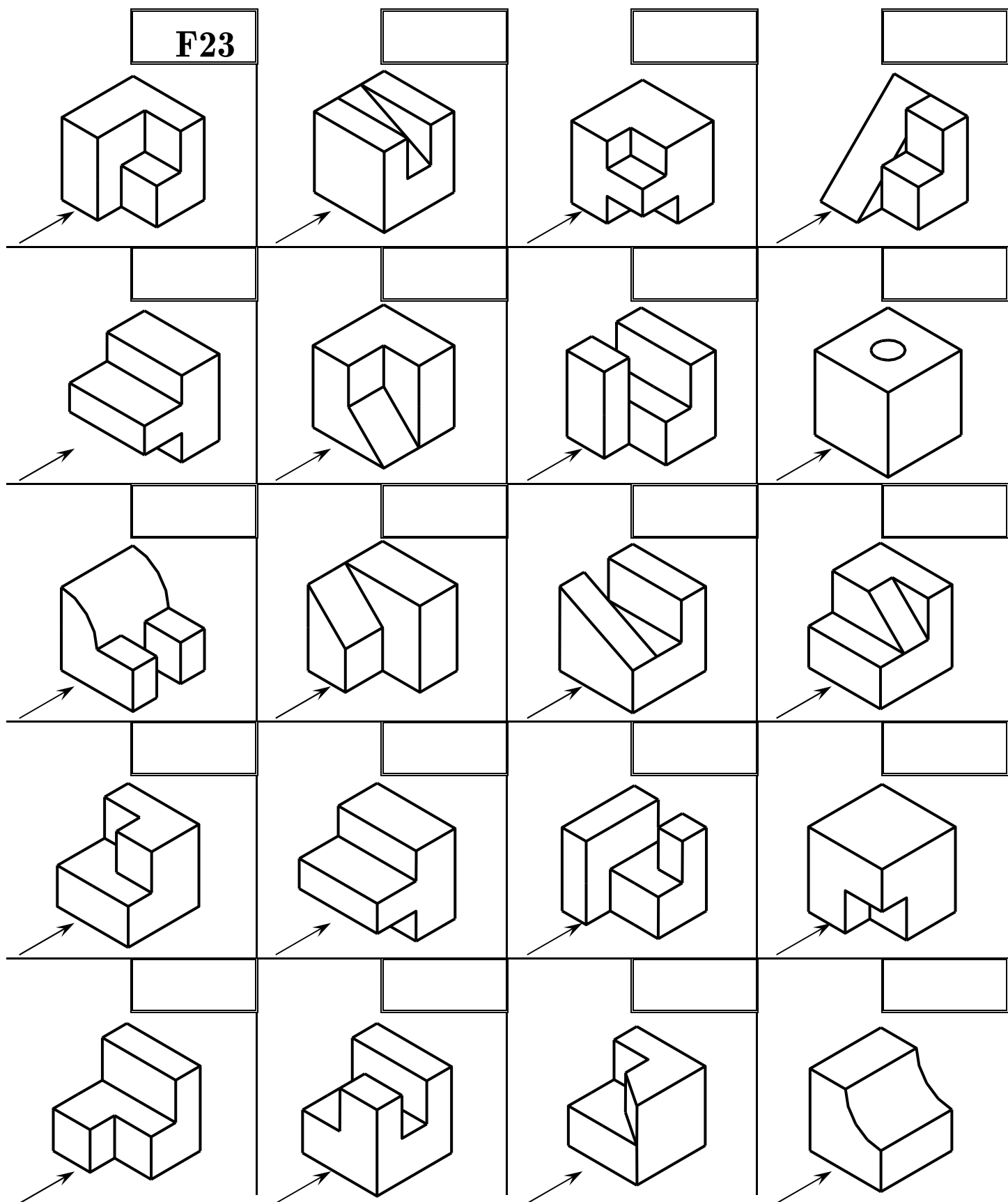
1. Quelques exercices de représentation plane

→ Définir sur les figures suivantes à quelle projection, indiquée par la flèche, les dessins suivants correspondent. La première case est donnée à titre d'exemple.

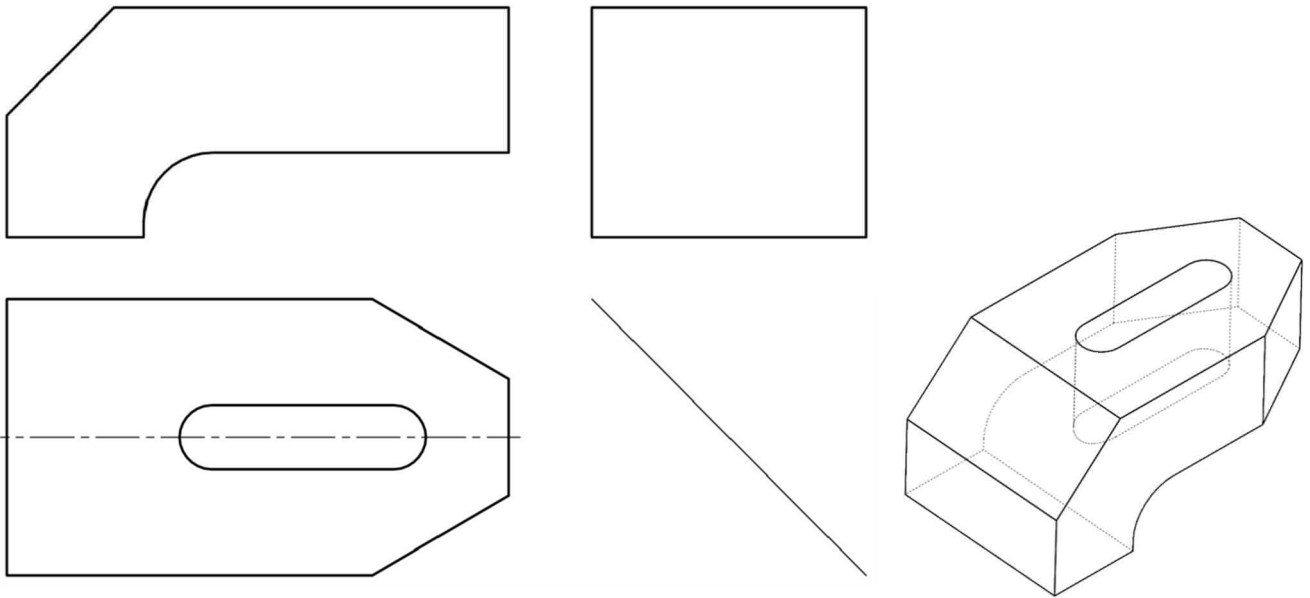
F1 	F2 	F3 	F4 	F5 	F6 
F7 	F8 	F9 	F10 	F11 	F12 
F13 	F14 	F15 	F16 	F17 	F18 
F19 	F20 	F21 	F22 	F23 	F24 
F25 	F26 	F27 	F28 	F29 	F30 

→ Compléter les vues du dessin de définition suivant avec les arêtes cachées :

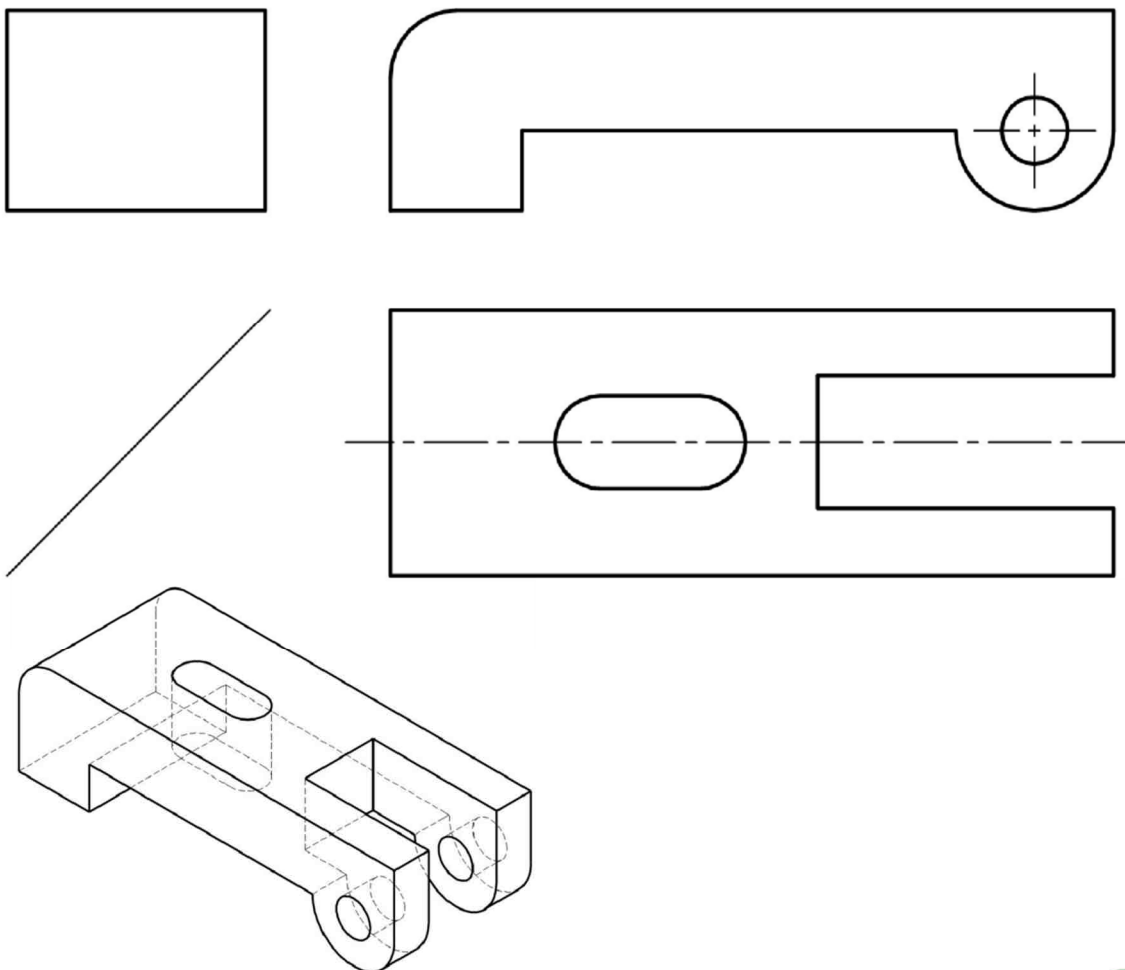




→ Compléter les 3 vues

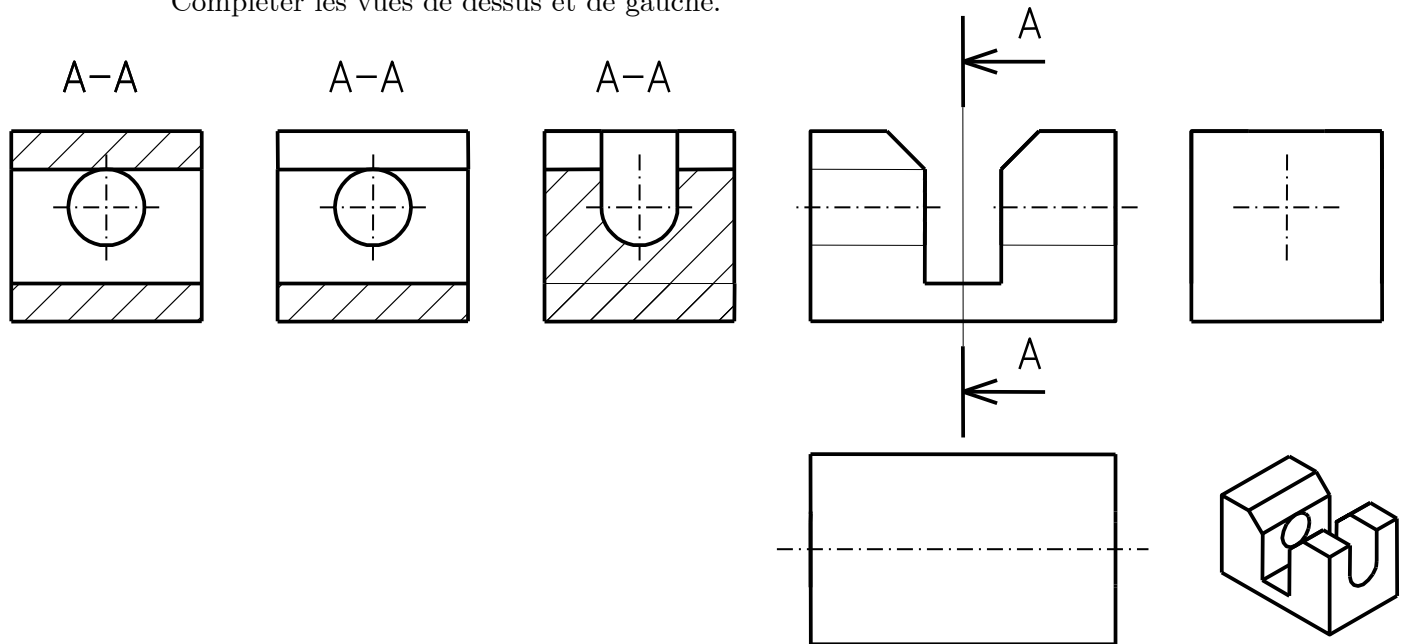


→ Compléter les 3 vues

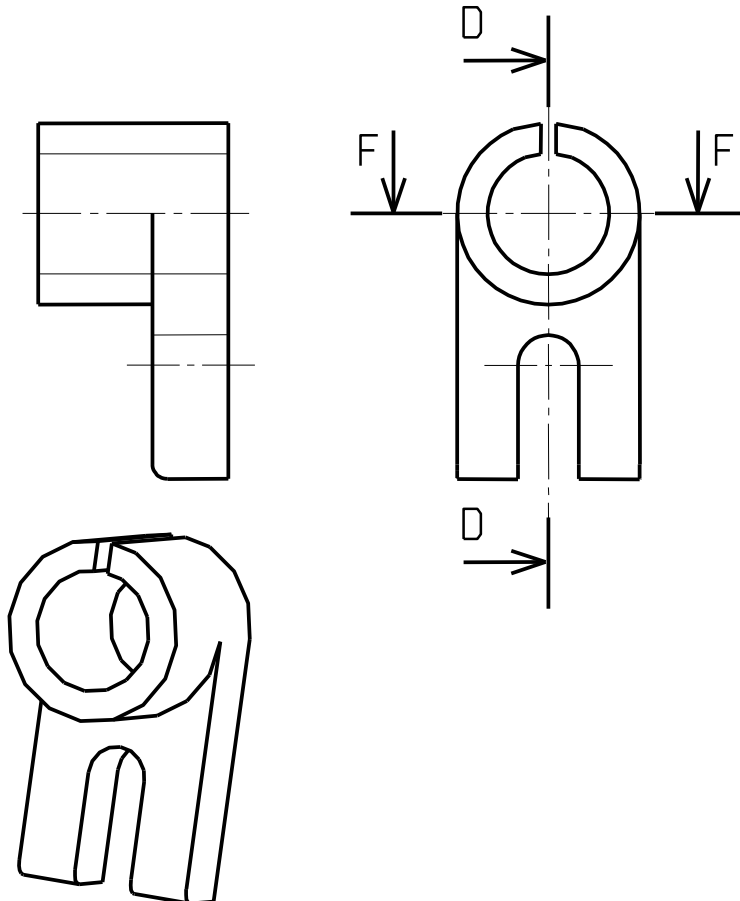


→ Entourer la coupe A-A qui correspond au volume représenté sur ce dessin de définition.

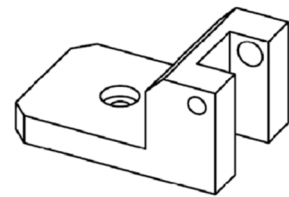
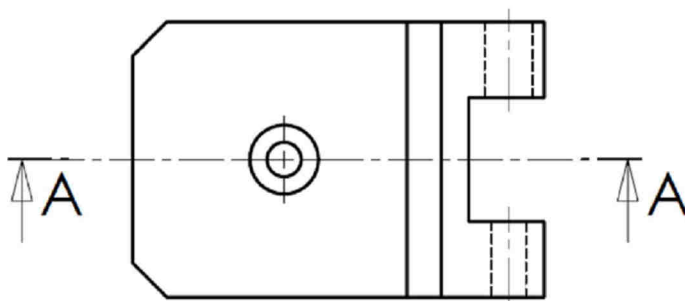
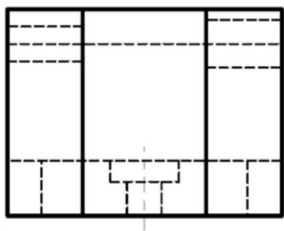
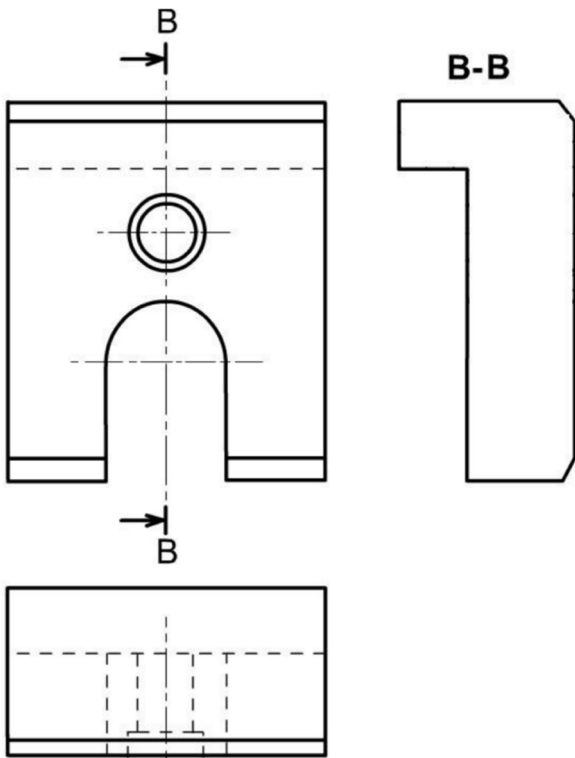
Compléter les vues de dessus et de gauche.



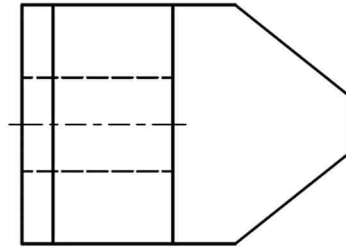
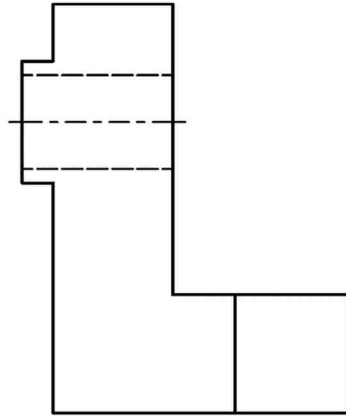
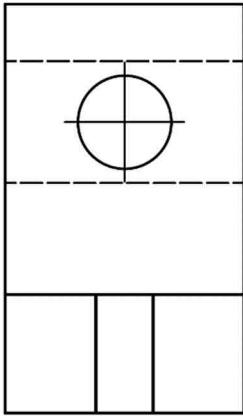
→ Représenter le support ci-dessous en vue de gauche coupe D-D et en section F-F :



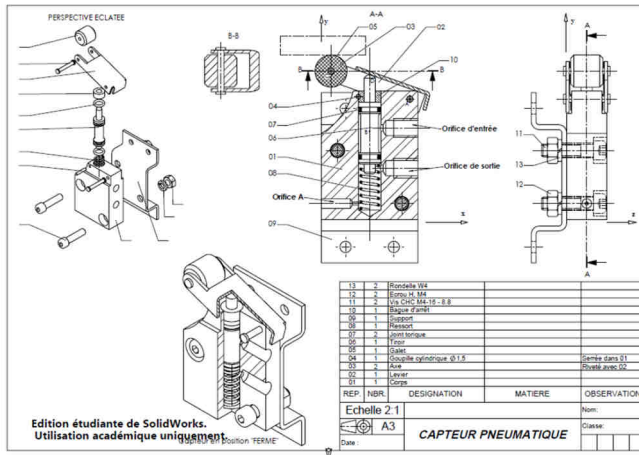
→ Compléter les vues en coupe



→ Représenter la pièce en perspective



2. Capteur pneumatique



À l'aide du dessin d'ensemble et de la nomenclature...

- Repérer les classes d'équivalence du système
- Déterminer les liaisons entre classes d'équivalence
- Construire le schéma cinématique minimal du système
- Construire le schéma d'architecture en précisant les différences avec le schéma cinématique
- Donner le procédé d'obtention du levier 2
- Proposer une reconception de ce levier pour en faire une version « low cost » en injection plastique