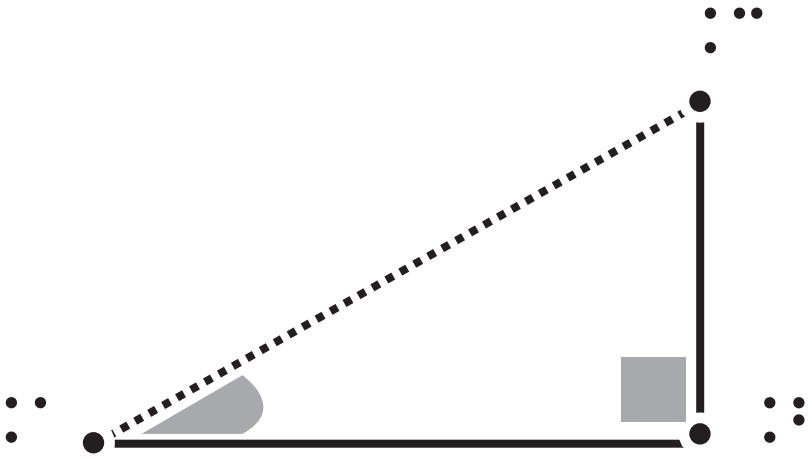
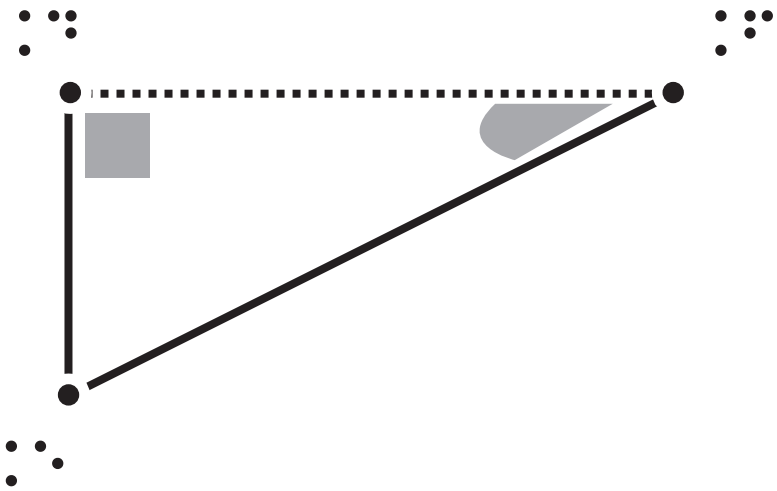
Exercice 1 page 203

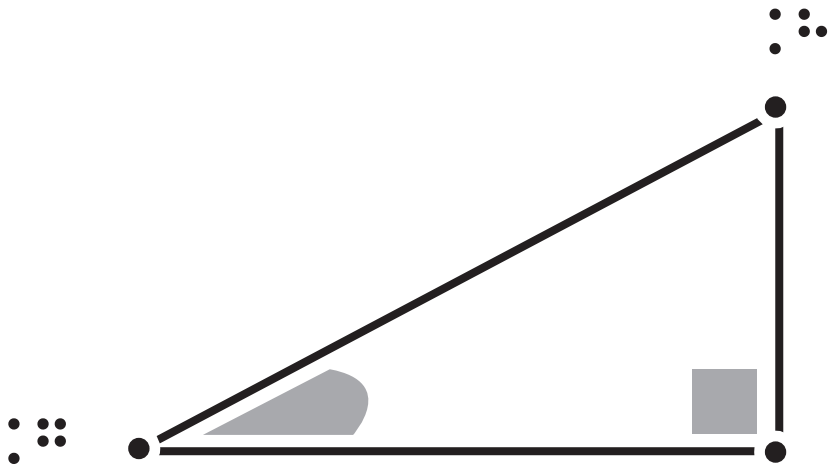
a) x=AC; CAB=30° AB=8 cm



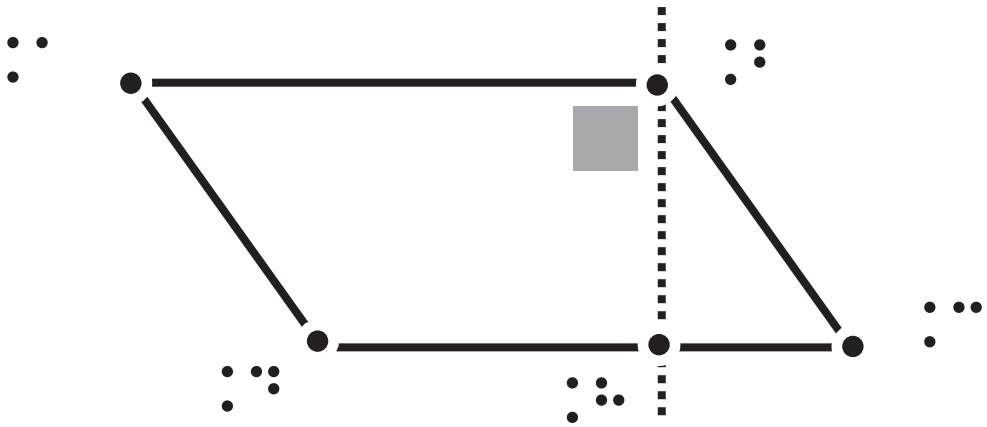
b) x=DF; EFD=35° EF=10 cm



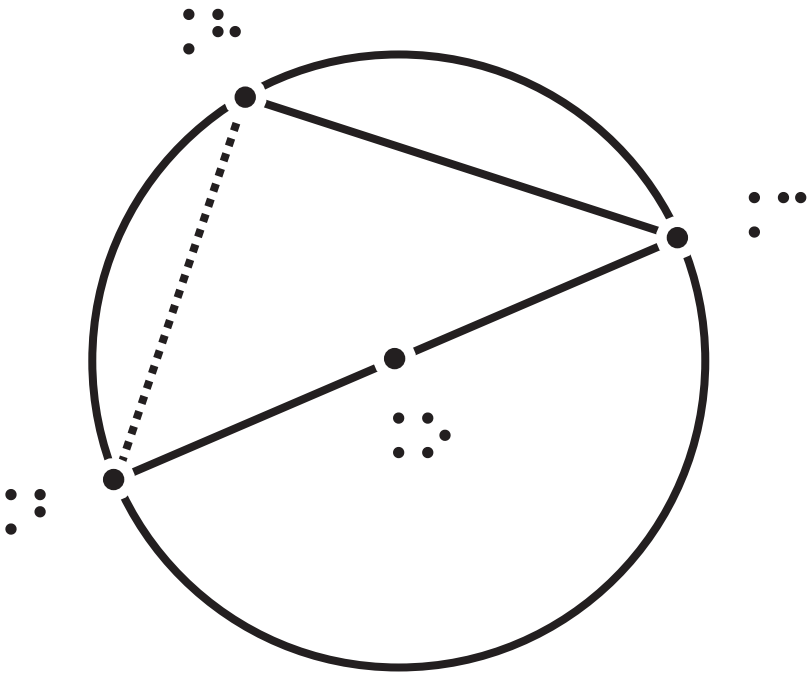
c) x=HGI; GH=13 cm; HI=5 cm; IG=12 cm



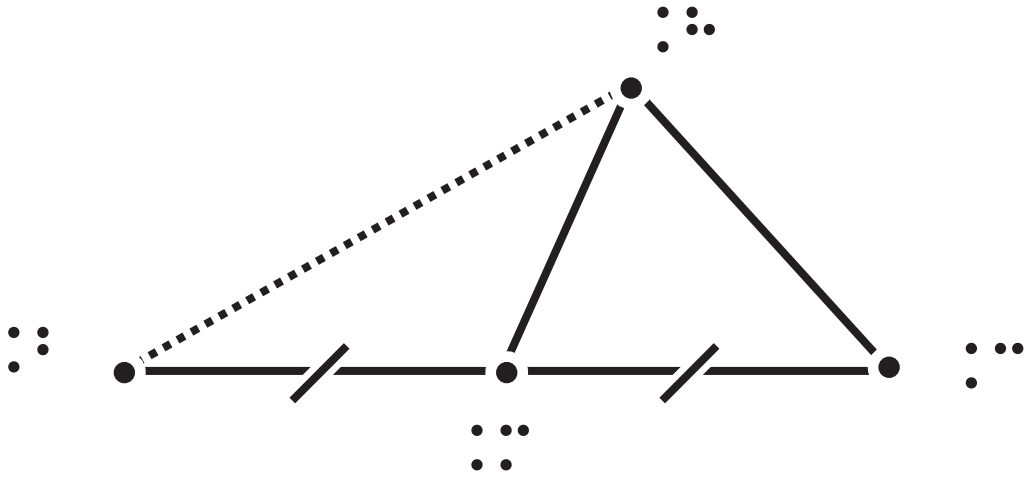
Exercice 2 page 203
ABCD est un parallélogramme



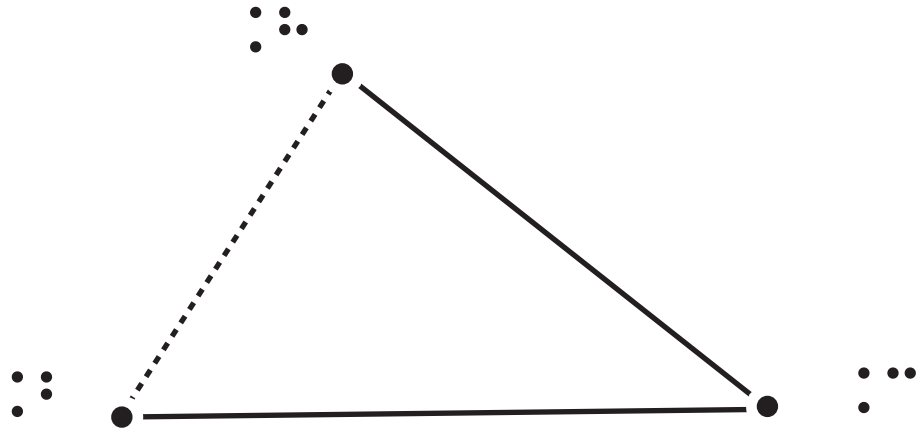
b) O centre du cercle



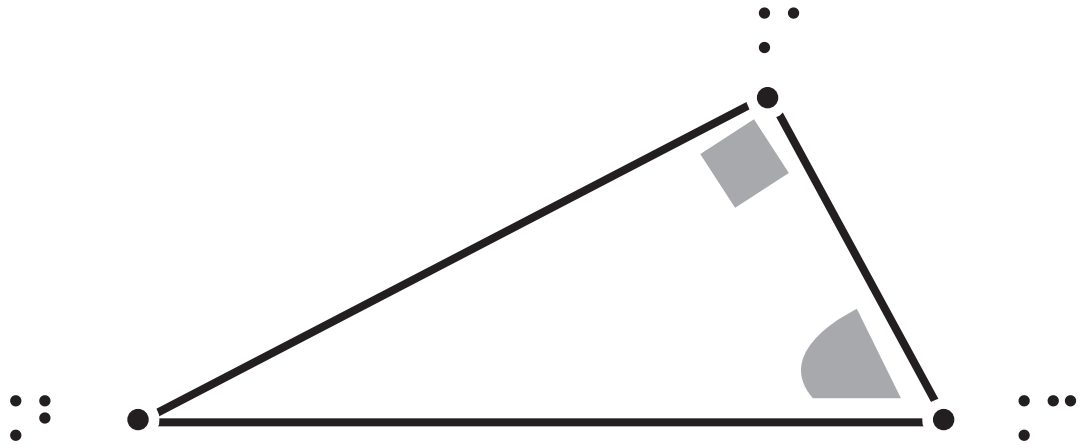
Exercice 2 page 203
BM=MC; MH=2,5 cm BC=5 cm



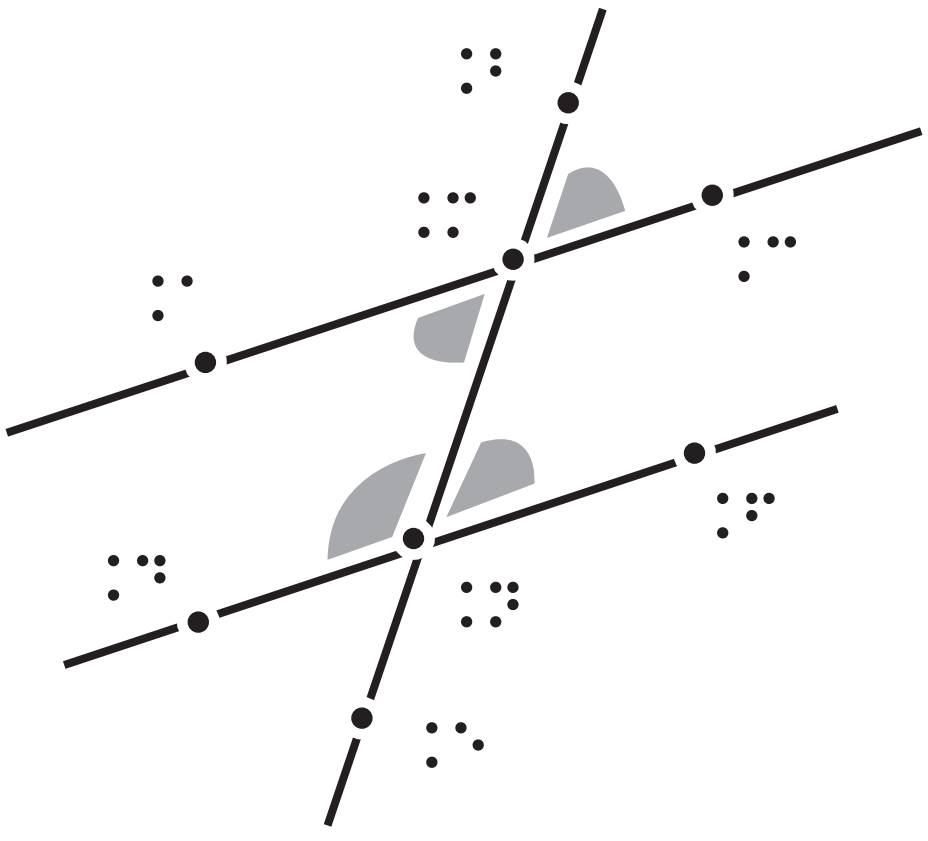
d) BH=28; HC=45;
BC=53



Exercice 3 page 203
ABC=28° x=BCA

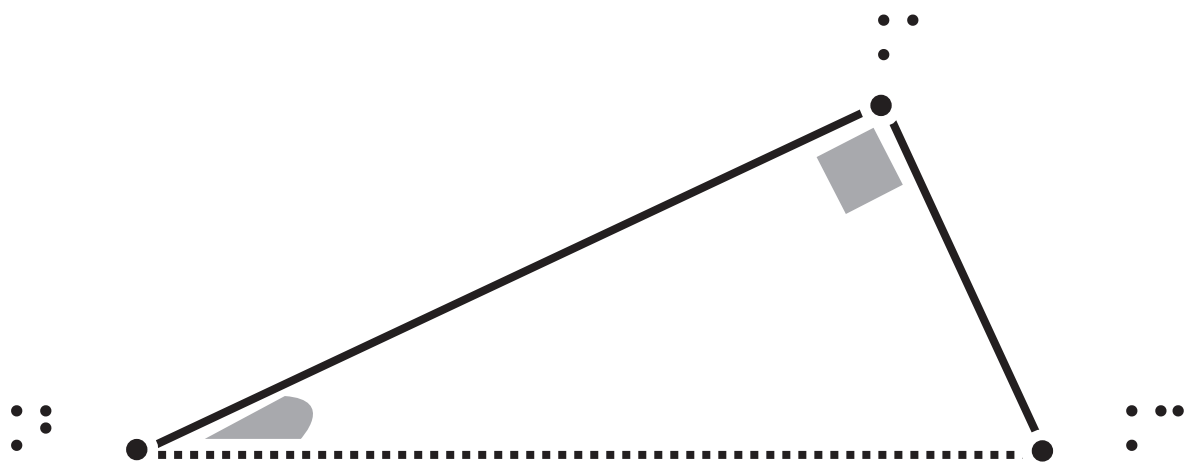


b) x=MNF; y=MND; z=BMC AMN=53° (AC)//(DF)

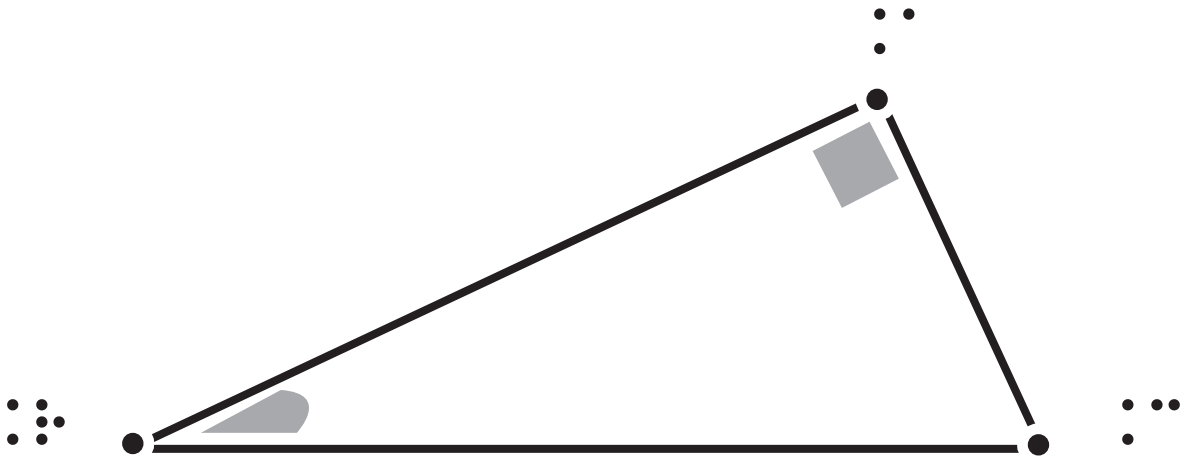


Exercice 5 page 212

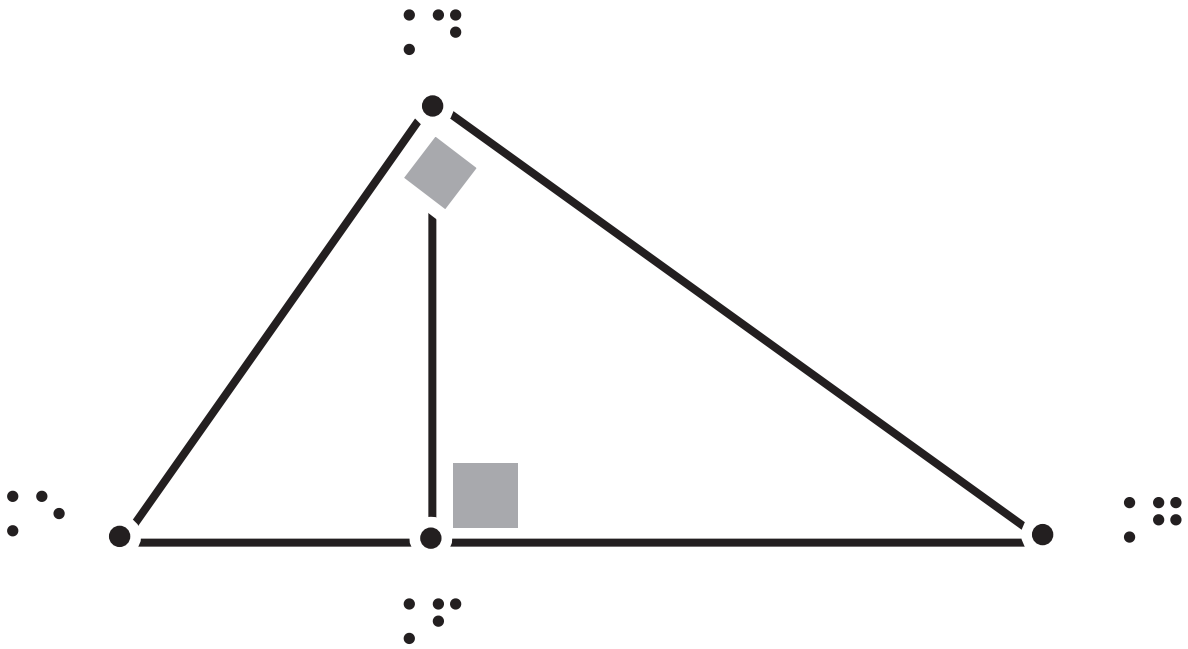
BA=9 cm; ABC=25°



Exercice 13 page 212

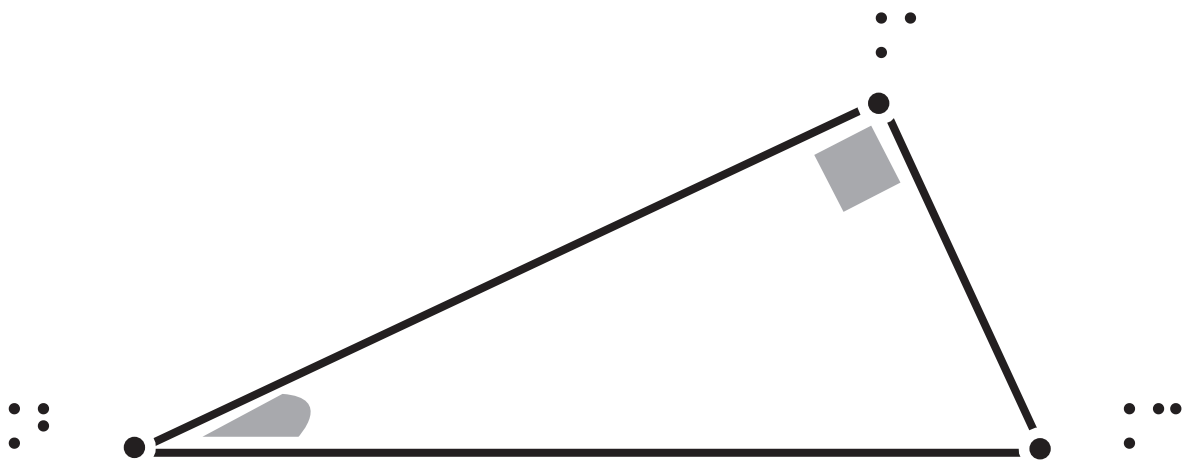


Exercice 14 page 212

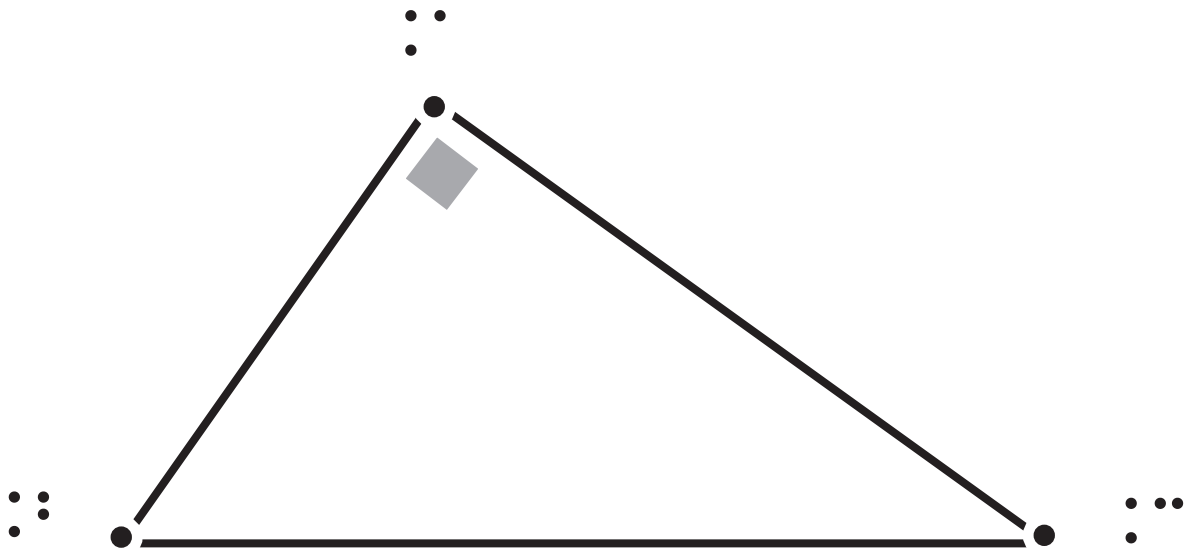


Exercice 18 page 213

a) ABC=33°

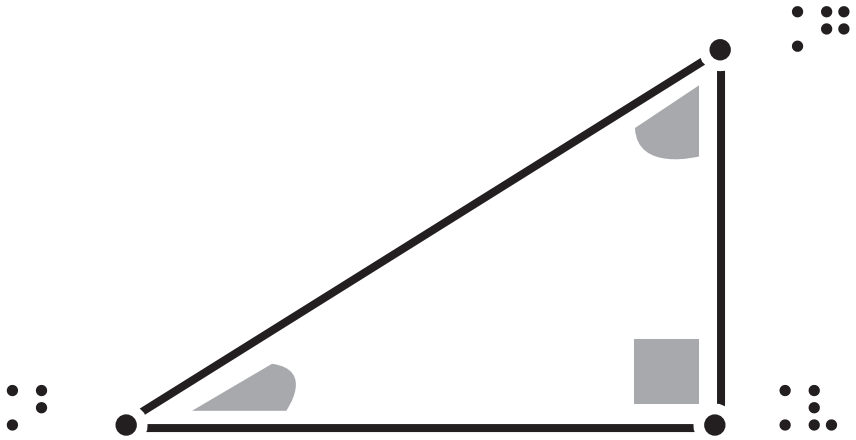


b)AB=16; BC=34; AC=30

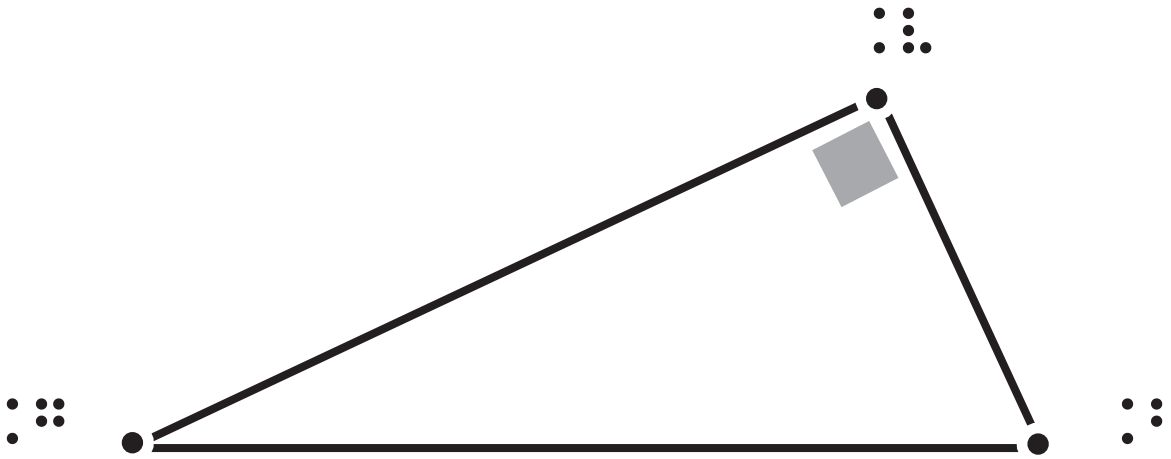


Exercice 19 page 213

a) GBV=36°; BGV=54°

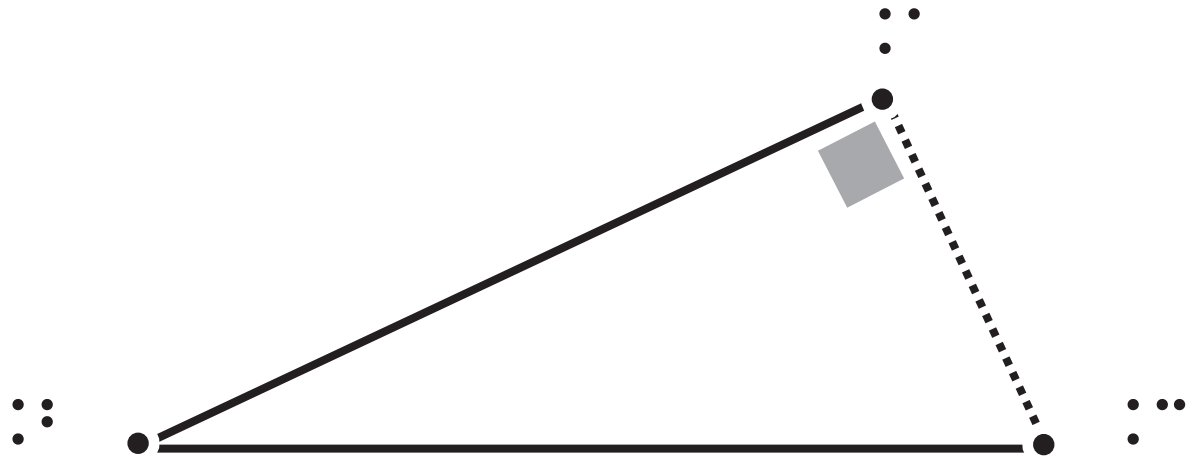


b) GV=56 mm; VB=33 mm; BG=65 mm

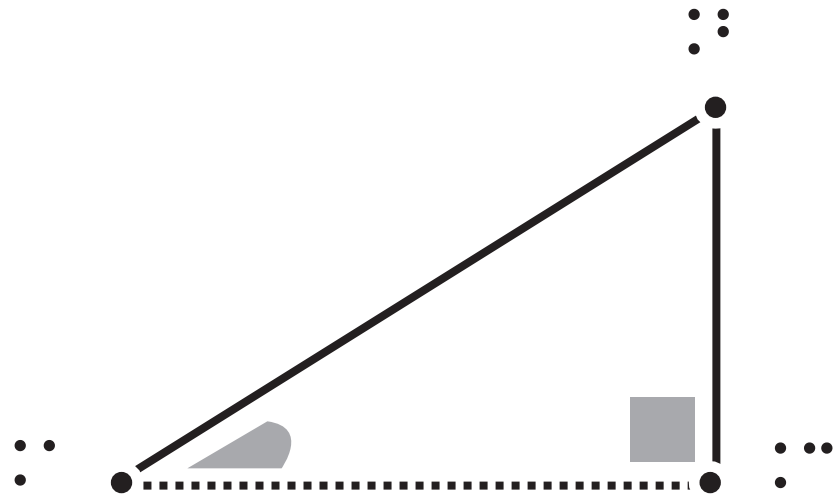


Exercice 20 page 213

a) ABC=33°; BC=10 cm

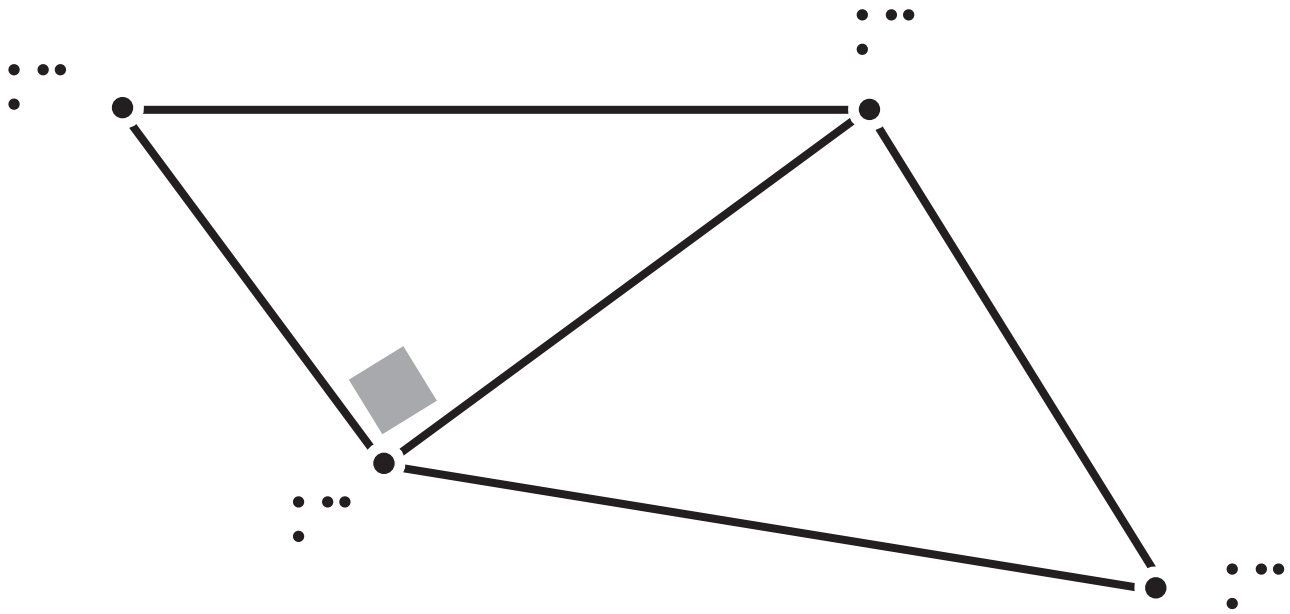


b) BAC=25°; BC=4 cm



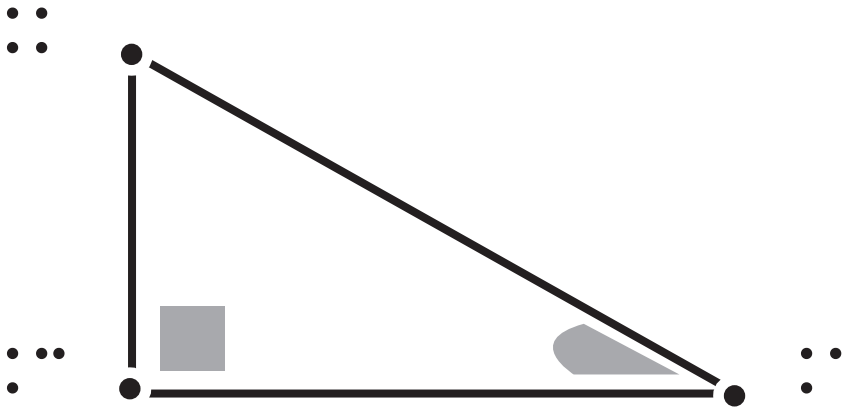
Exercice 24 page 213

REM=54°; ER=3,8 cm
RC=8 cm; CM=5 cm

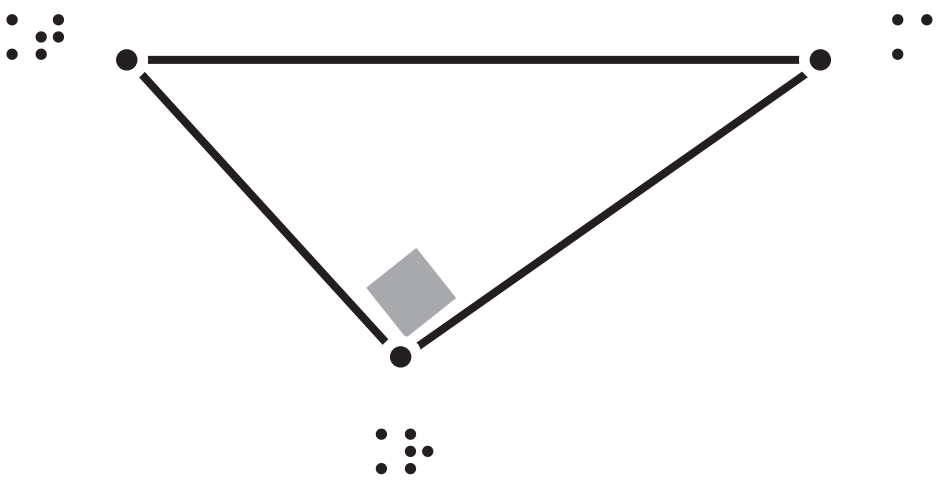


Exercice 28 page 214

KC=3 cm; CA=6 cm

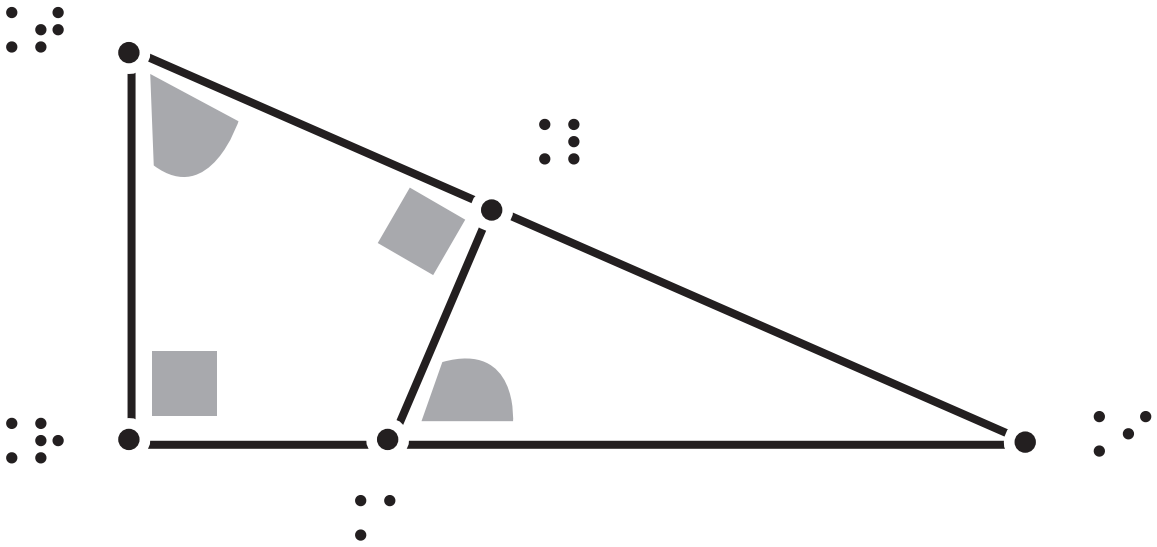


TA=8 cm; TR=5 cm



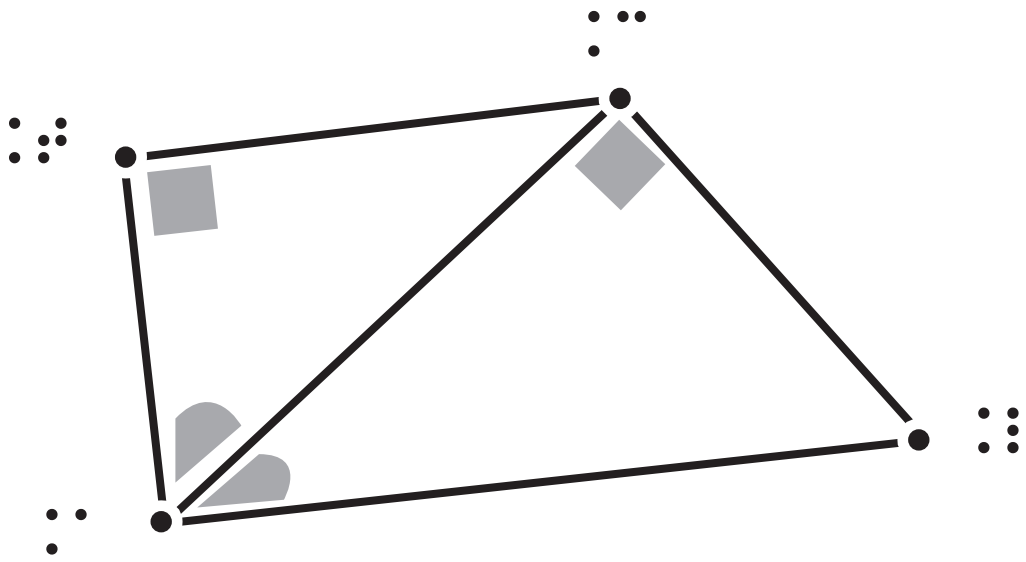
Exercice 31 page 214

TR=7,5 cm; RI=18 cm;
AI=13 cm; IL=12 cm



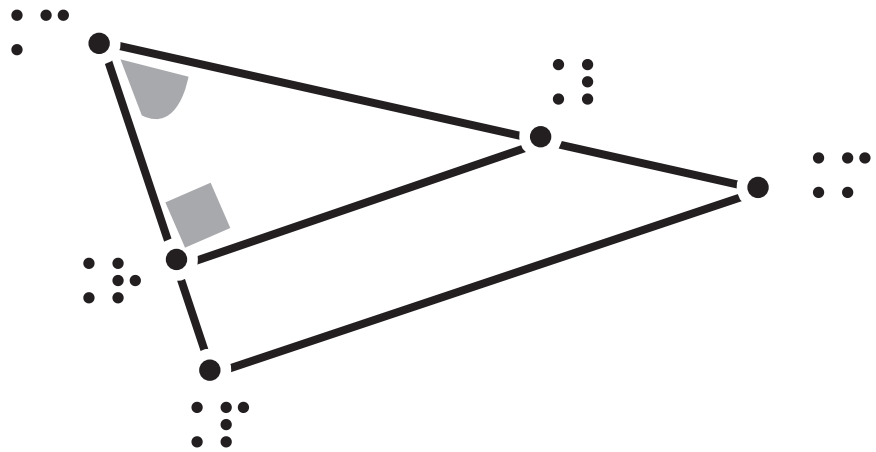
Exercice 32 page 214

TC=4 cm; CL=3,75 cm; CA=5 cm



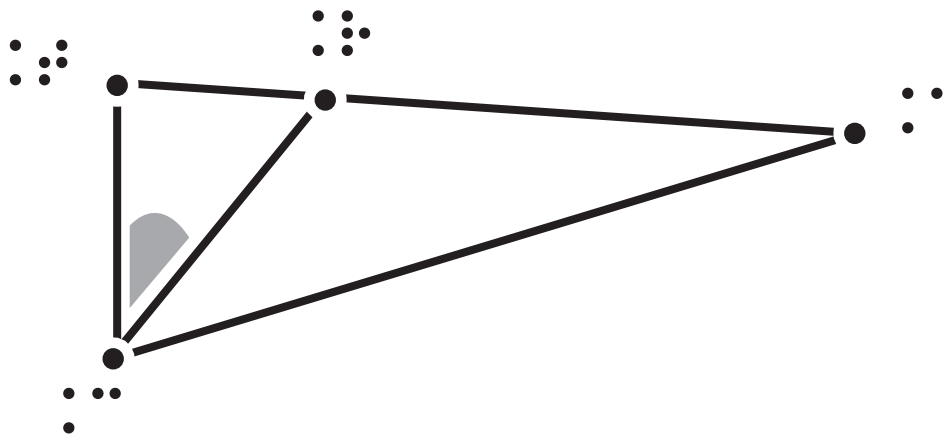
Exercice 41 page 215

CM=58 mm; RCL=59°
(RL)//(PM)



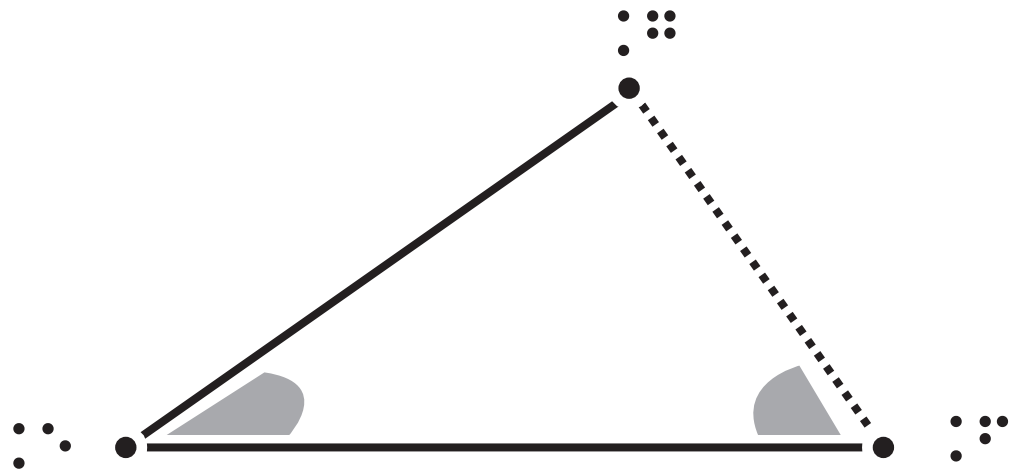
Exercice 41 page 215

CR=40°; TA=48 mm
AC=40 mm; CT=14 mm



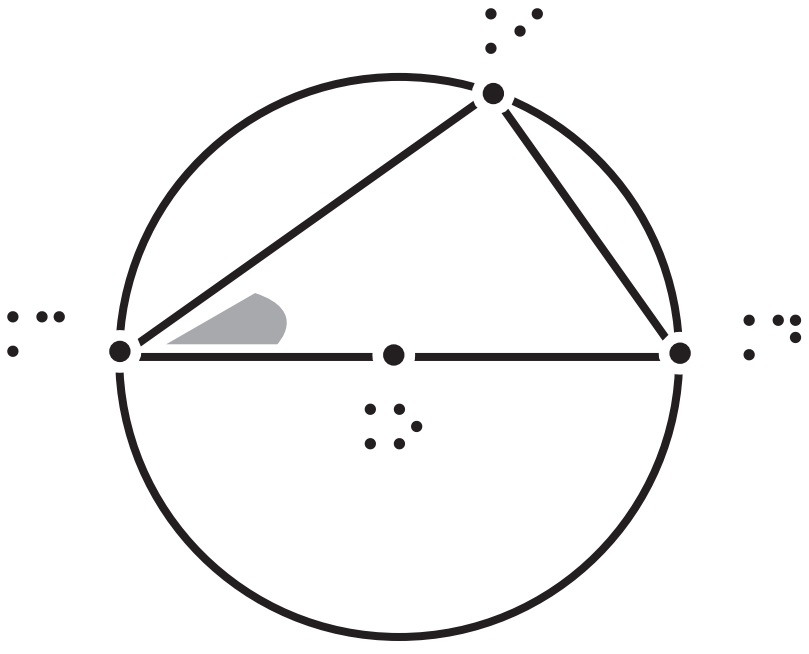
Exercice 43 page 215

EG=6 cm; GEF=35°;
EFG=55°



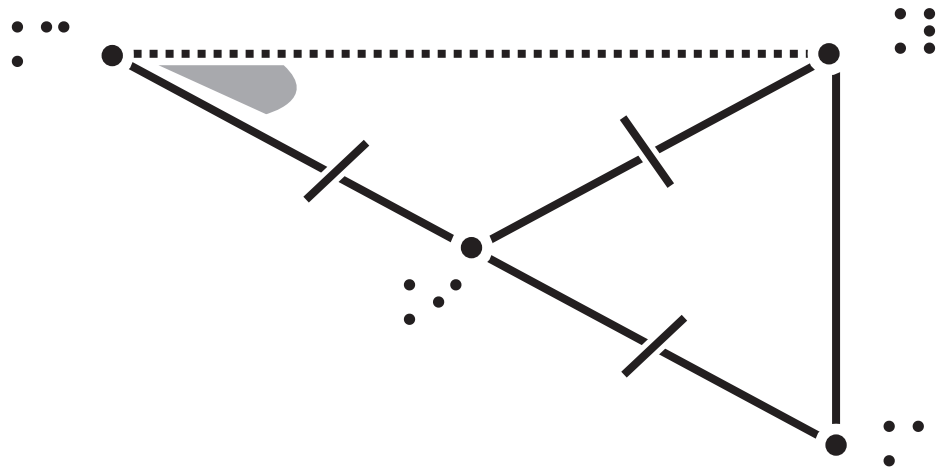
Exercice 44 page 215

ICD=35°



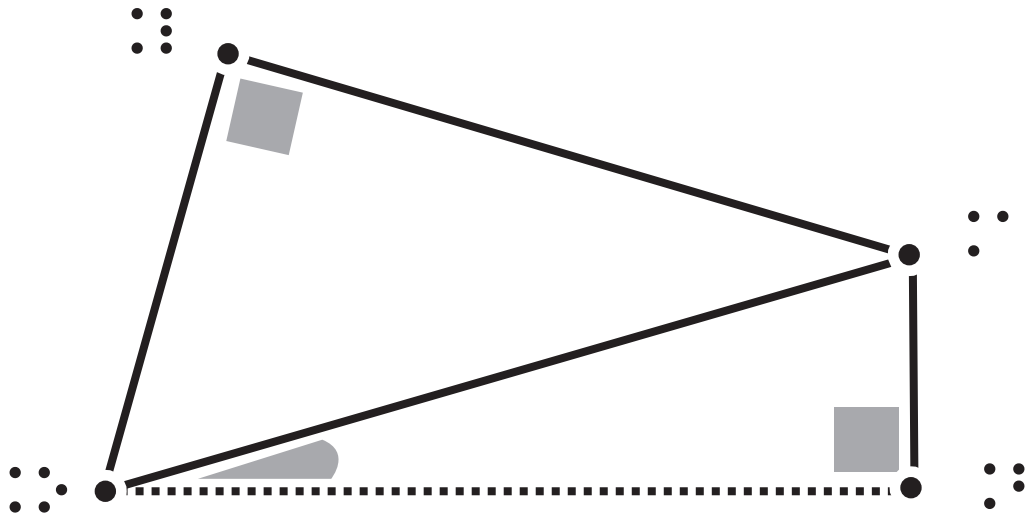
Exercice 45 page 215

LCA=28°; CI=IA=IL



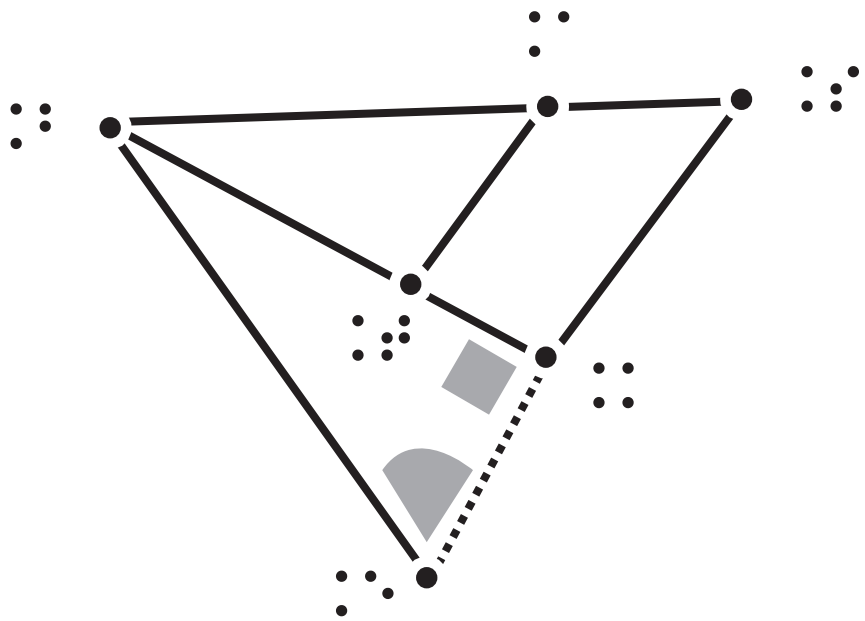
Exercice 46 page 215

LO=28 mm; LA=45 mm; AOB=16°



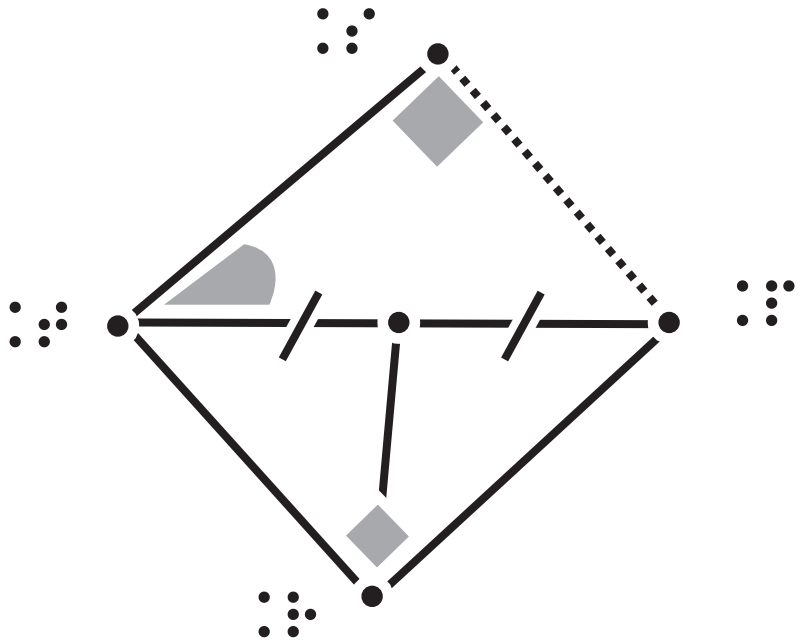
Exercice 47 page 215

BT=20 mm; TA=14 mm; KS=21 mm; KEB=64°
(AT)//(KS)



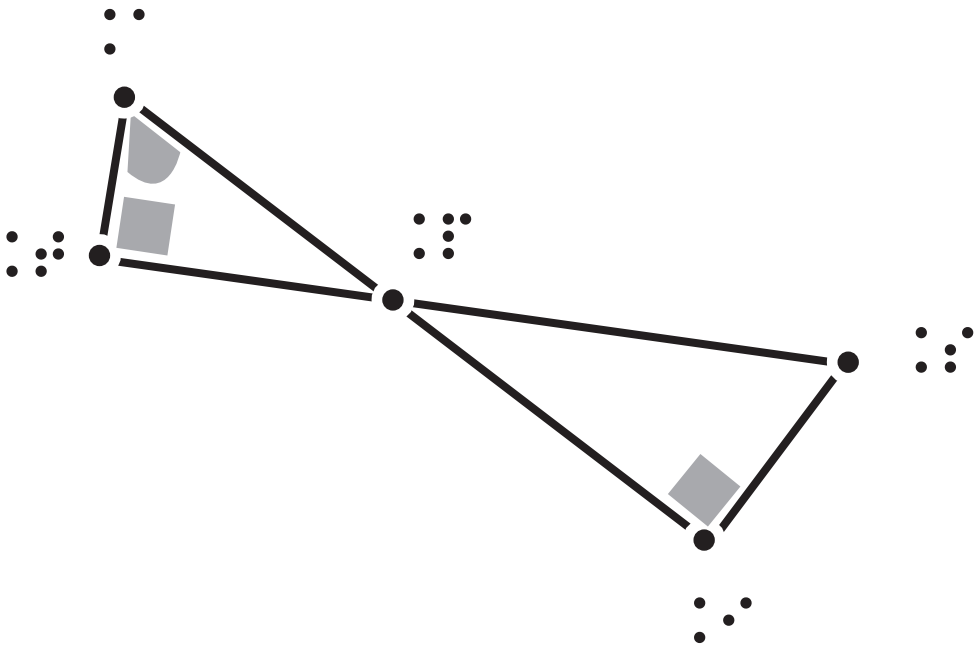
Exercice 48 page 215

IR=6 cm; TI=IP; STP=40°



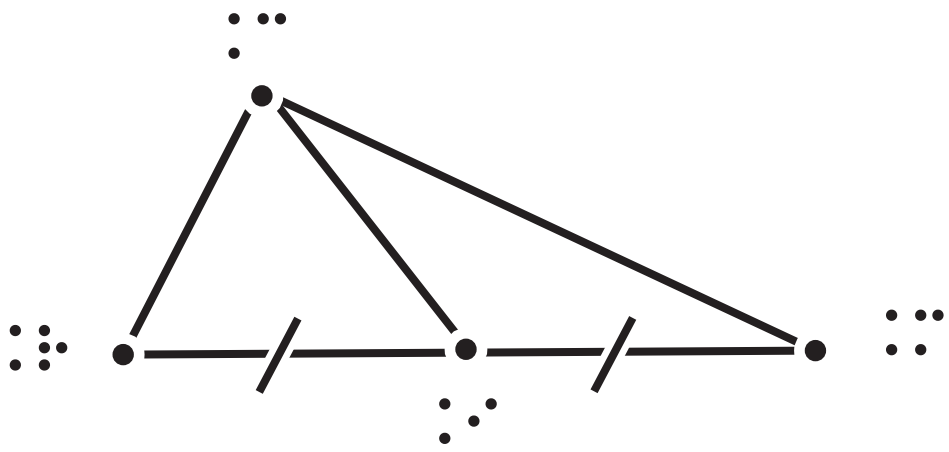
Exercice 52 page 216

PI=9 cm; PAT=60°
A, P et I sont alignés
T, P et S sont alignés



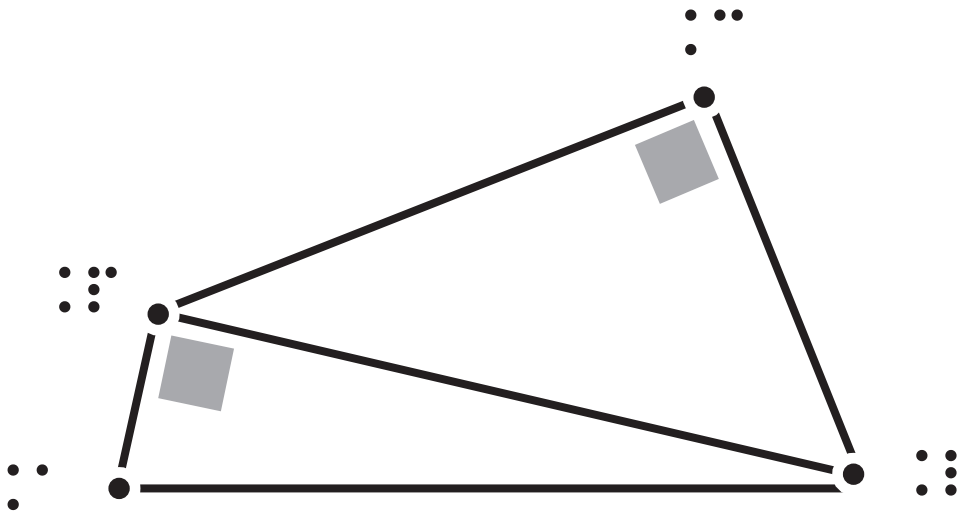
Exercice 55 page 216

CR=20 mm; CI=28 mm;
RM=56 mm; RI=IM



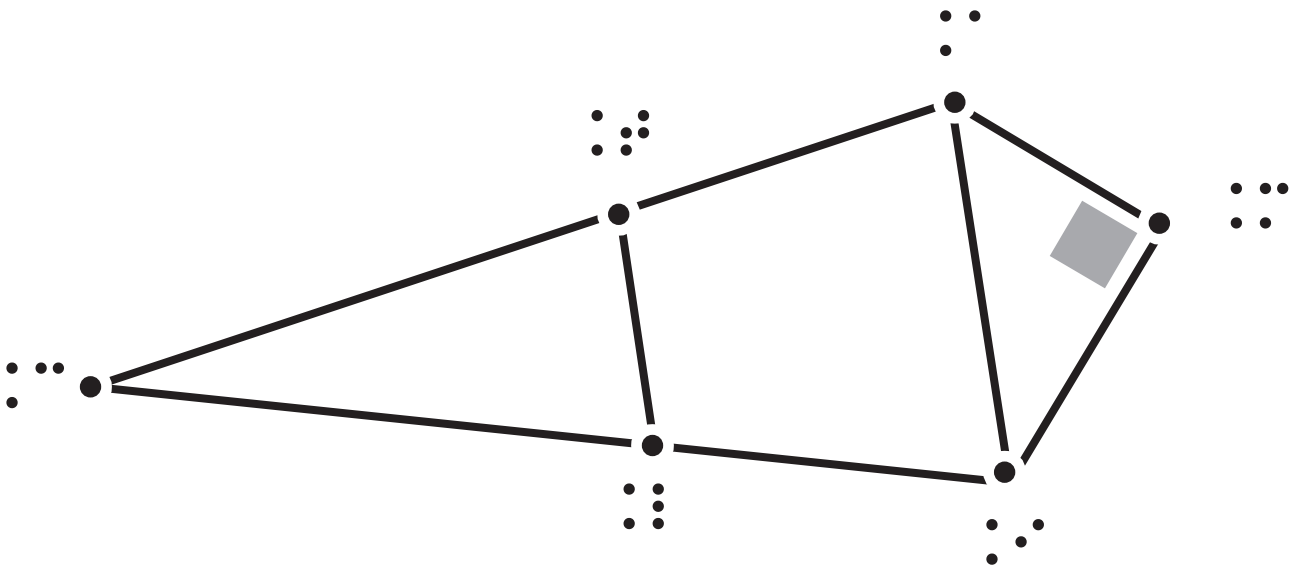
Exercice 57 page 217

PC=24 cm; PA=9 cm; CL=32 cm



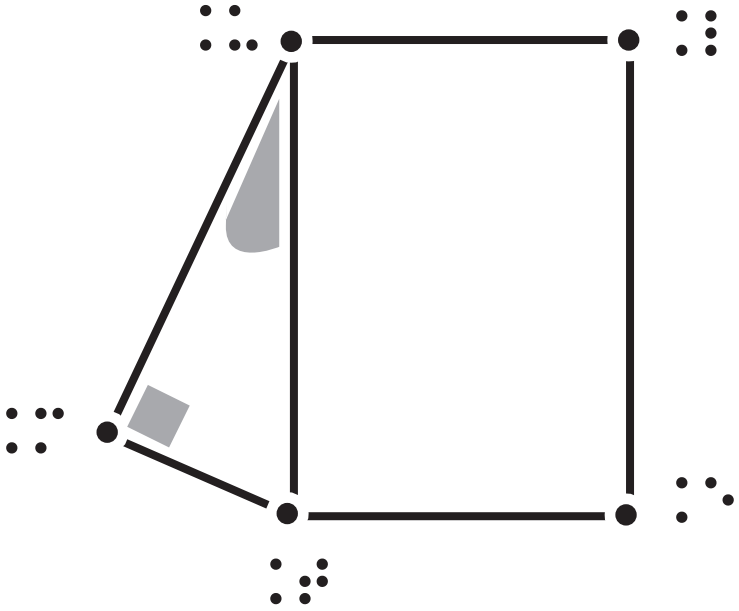
Exercice 58 page 217

(TL)//(AI); CL=50 mm; CI=80 mm; IM=25 mm; TL=20 mm;



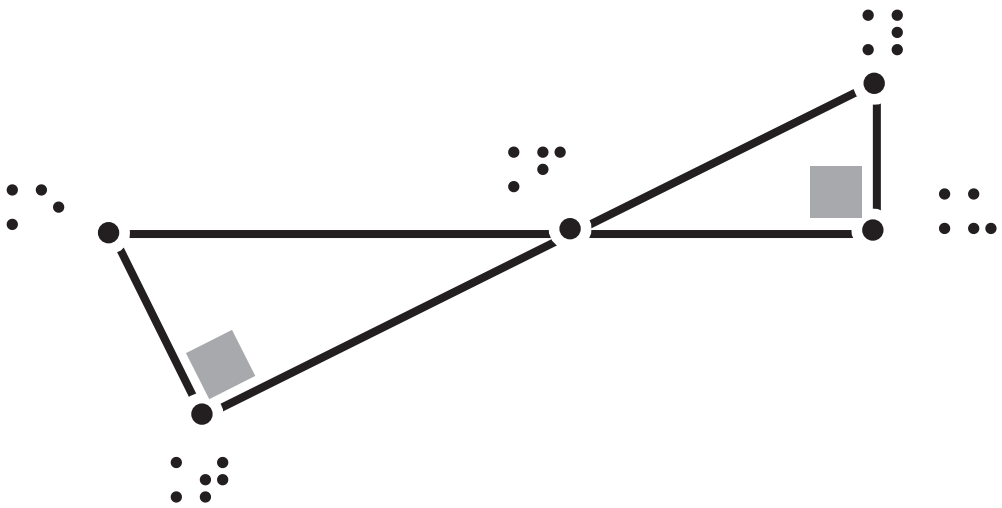
Exercice 60 page 217

TM=3 cm; UL=5 cm; TUM=25°

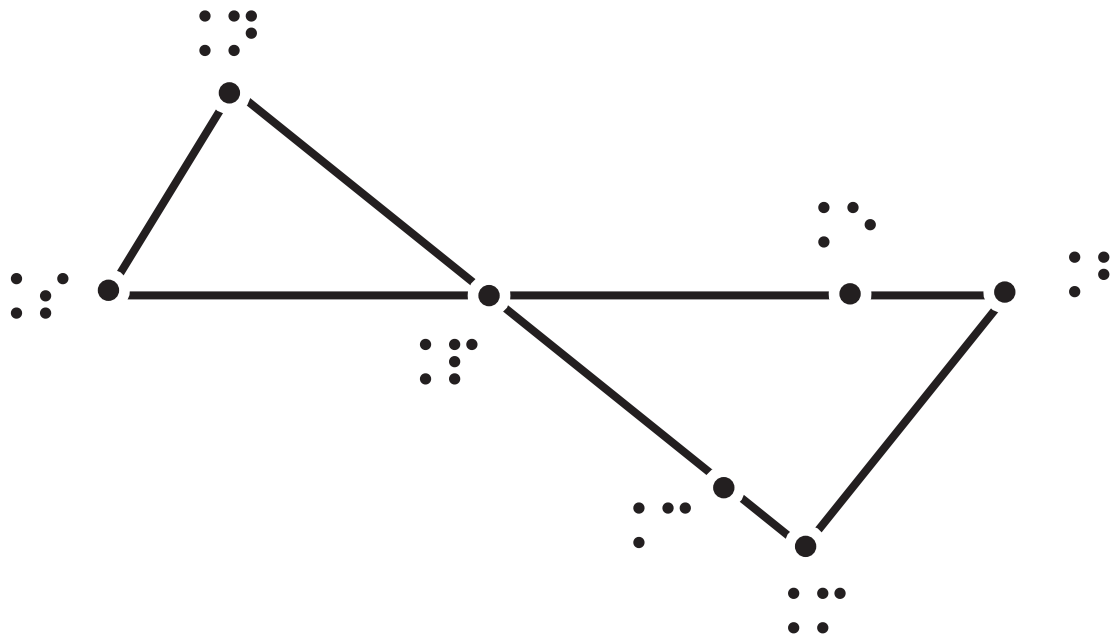


Exercice 63 page 217

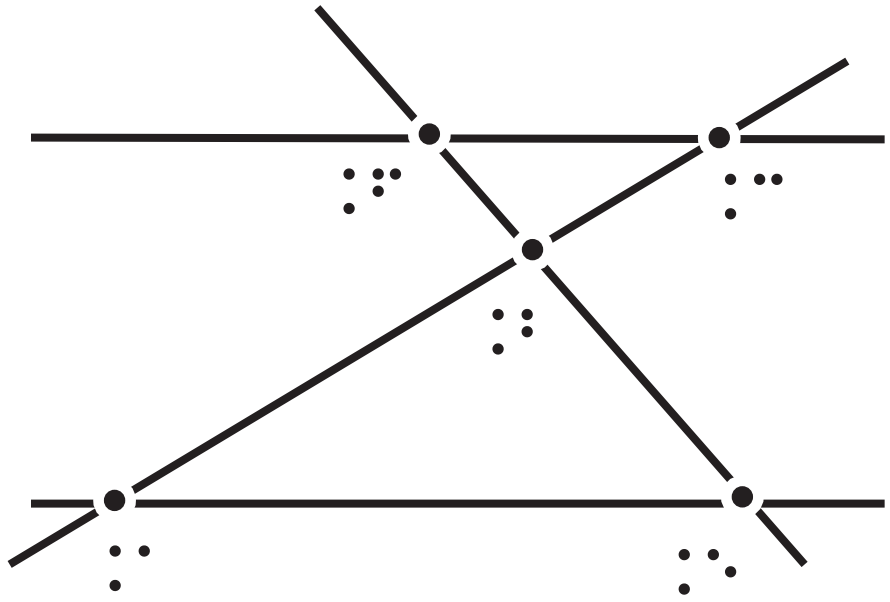
EF=10 cm; FU=8 cm; LU=4 cm
E, F et U sont alignés
T, F et L sont alignés



Exercice 66 page 218

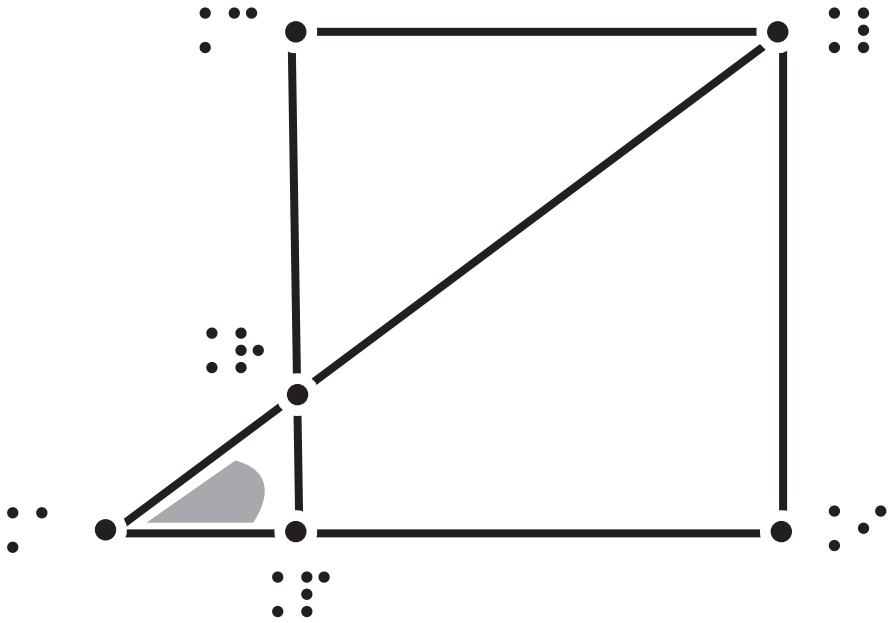


Exercice 67 page 218

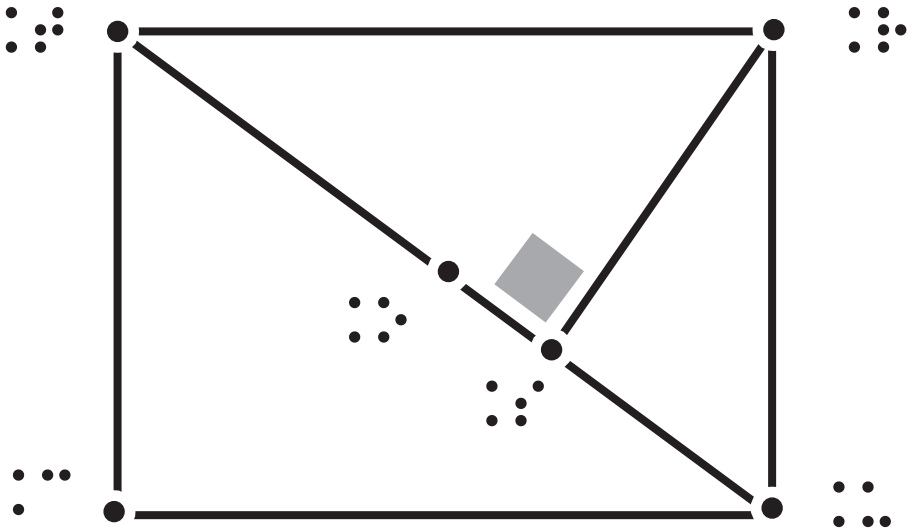


Exercice 97 page 221

CR=6 cm



Exercice 98 page 221



Exercice 50 page 216

EH=1,5 cm; HGE=25°; EGF=38°