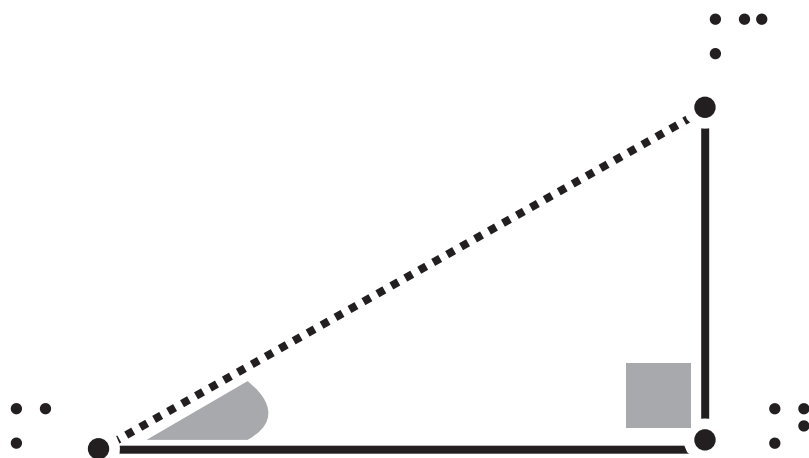
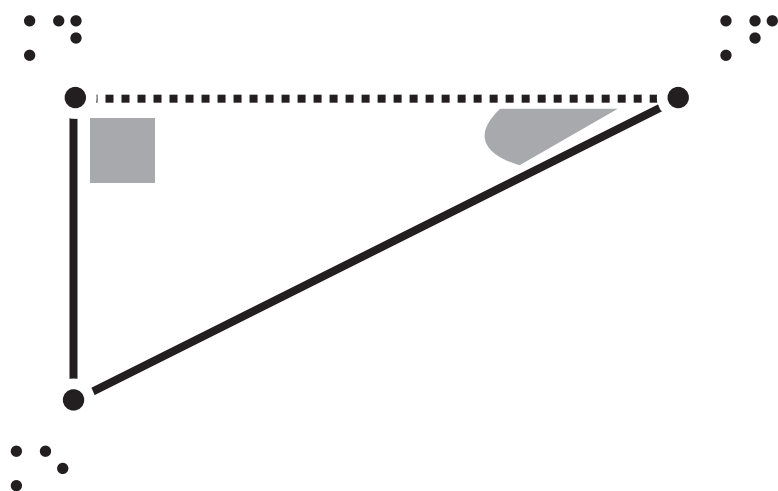


Exercice 1 page 203

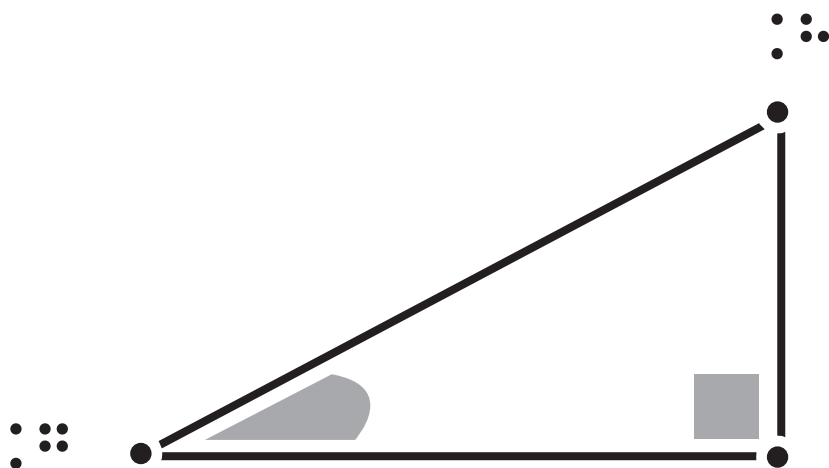
a) $x=AC$; $CAB=30^\circ$ $AB=8$ cm

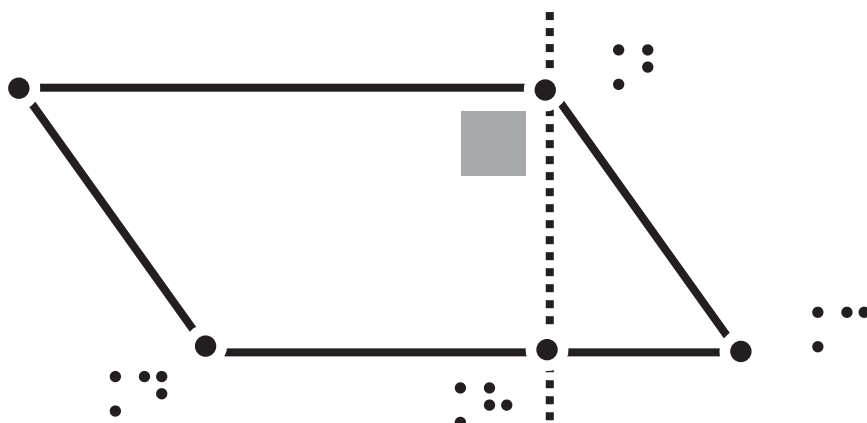


b) $x=DF$; $EFD=35^\circ$ $EF=10$ cm

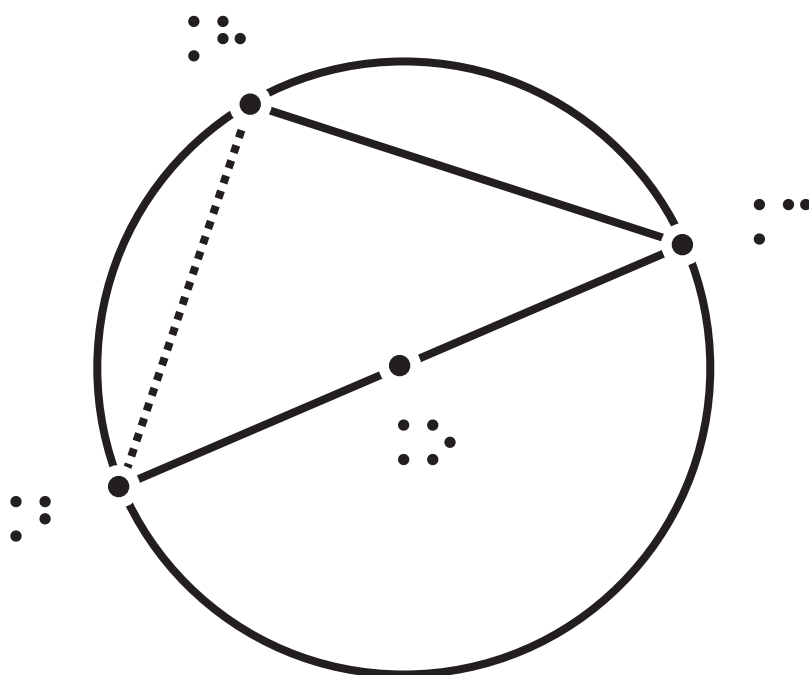


Triangle 3ème
Chapitre 12 Trigonométrie Angles inscrits, angles droits
c) $x = HG$; $GH = 13$ cm; $HI = 5$ cm; $IG = 12$ cm



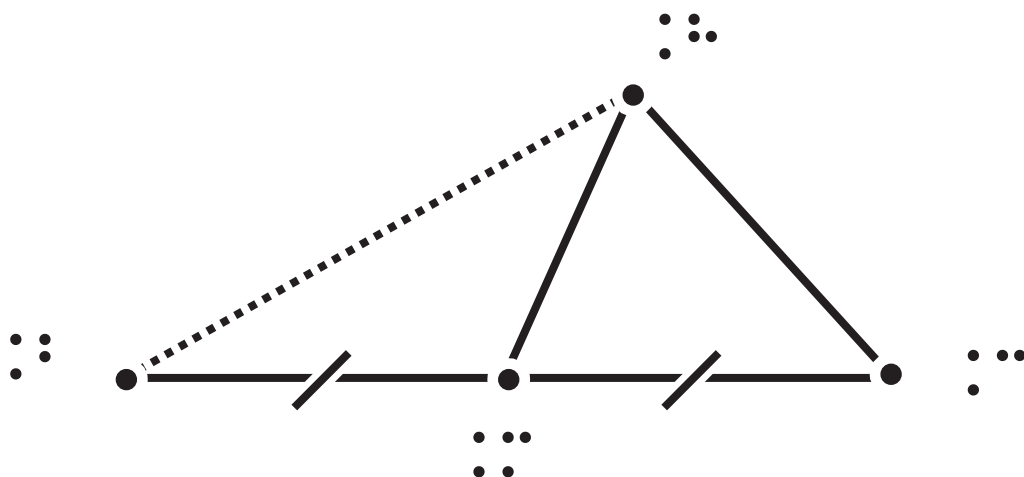


b) O centre du cercle



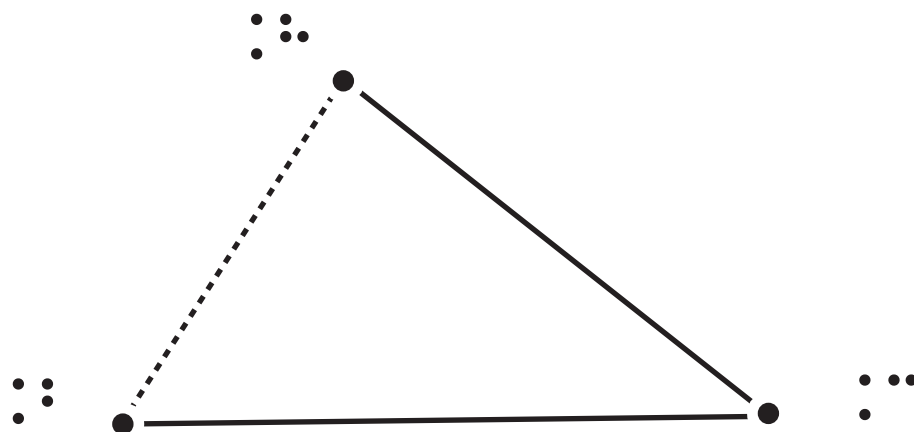
Exercice 1 page 202
1) a) $\angle A = 30^\circ$; $\angle B = 60^\circ$; $\angle C = 90^\circ$
b) $AB = 10$ cm; $AC = 5$ cm; $BC = 5\sqrt{3}$ cm

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

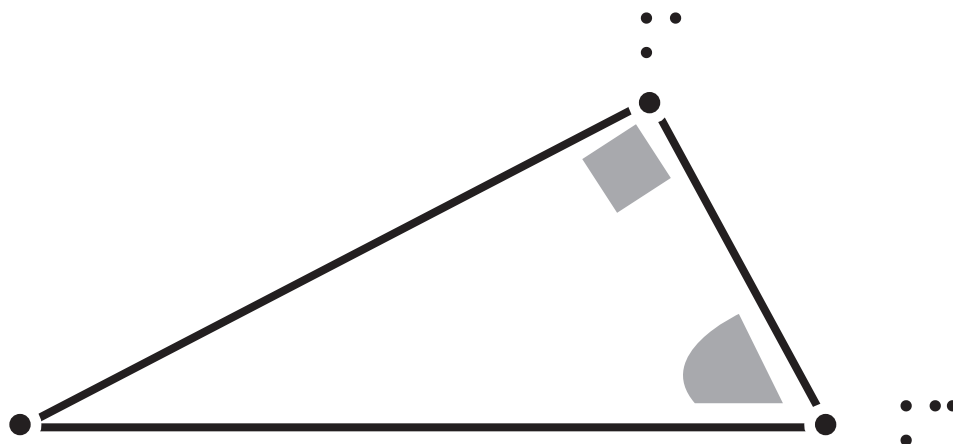


Exercice 3 page 203
1) a) $\angle A = 30^\circ$; $\angle B = 60^\circ$; $\angle C = 90^\circ$
b) $AB = 10$ cm; $AC = 5$ cm; $BC = 5\sqrt{3}$ cm

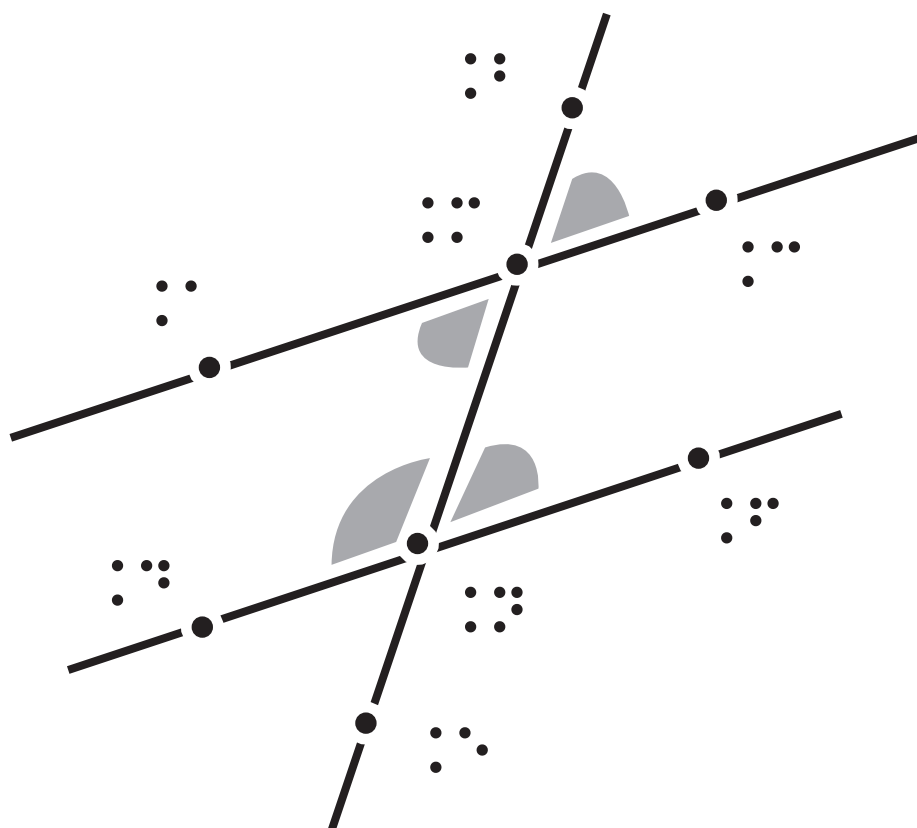
d) BH=28; HC=45;
BC=53



Exercice 3 page 203
 $ABC=28^\circ$ $x=BCA$

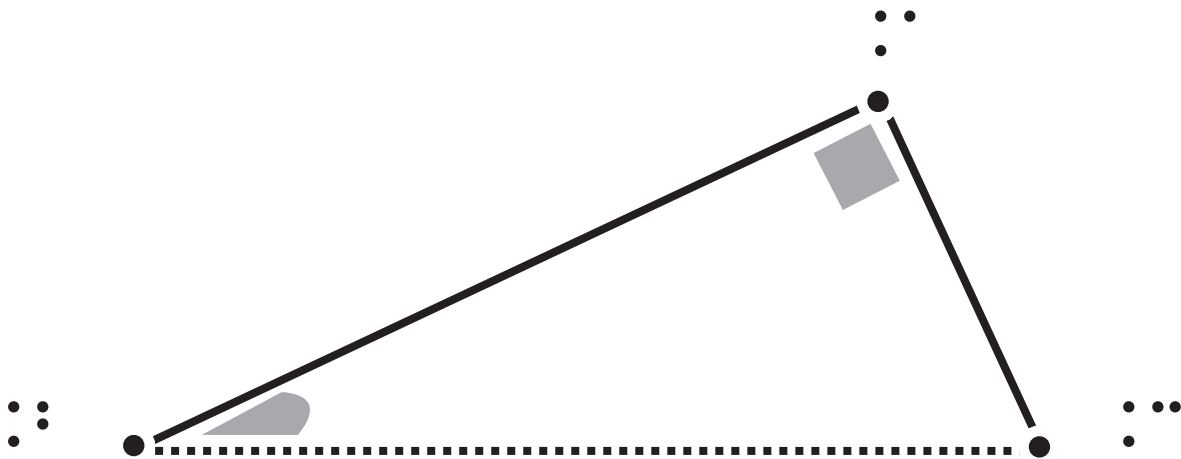


b) $x=MNF$; $y=MND$; $z=BMC$ $AMN=53^\circ$ $(AC) \parallel (DF)$

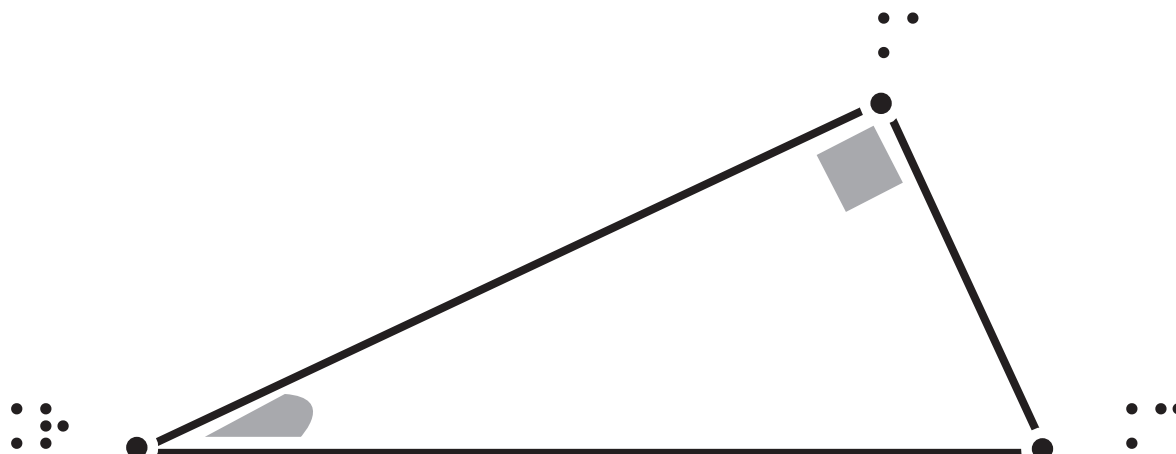


Exercice 5 page 212

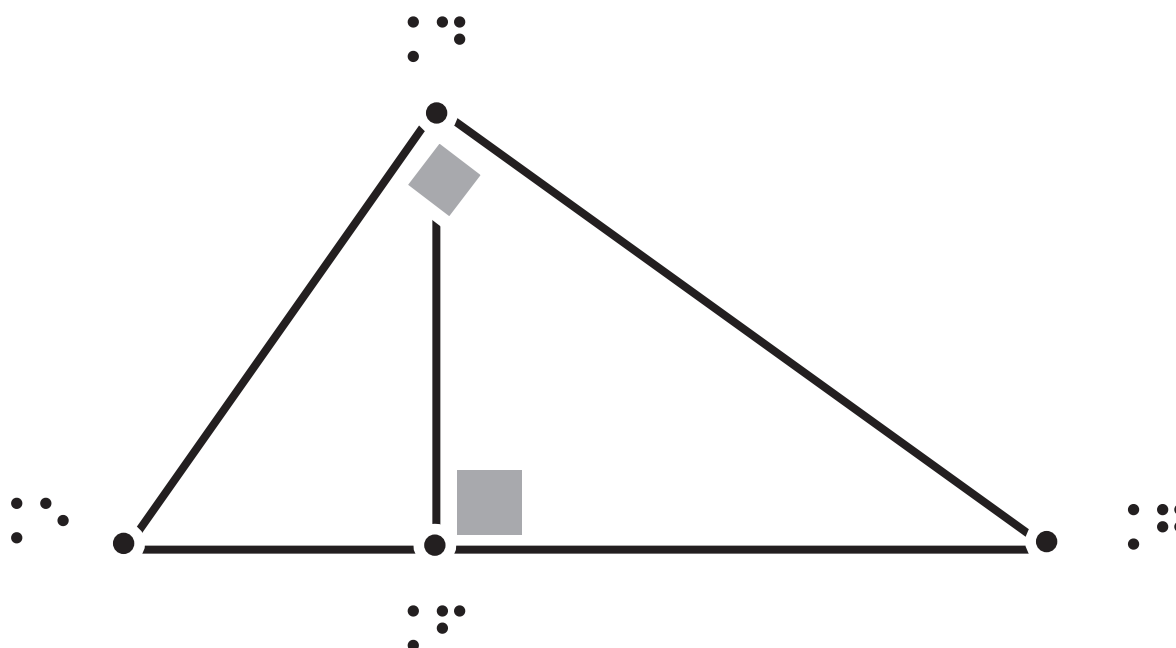
$BA=9\text{ cm}$; $\angle ABC=25^\circ$



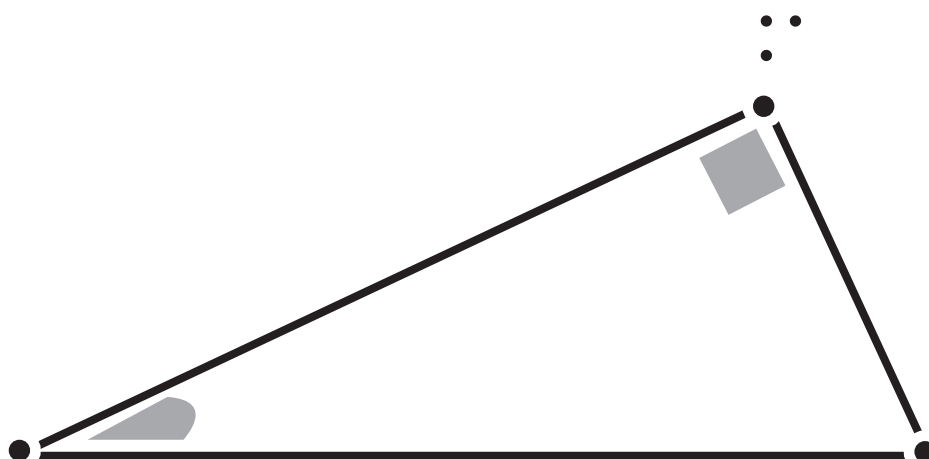
Exercice 13 page 212



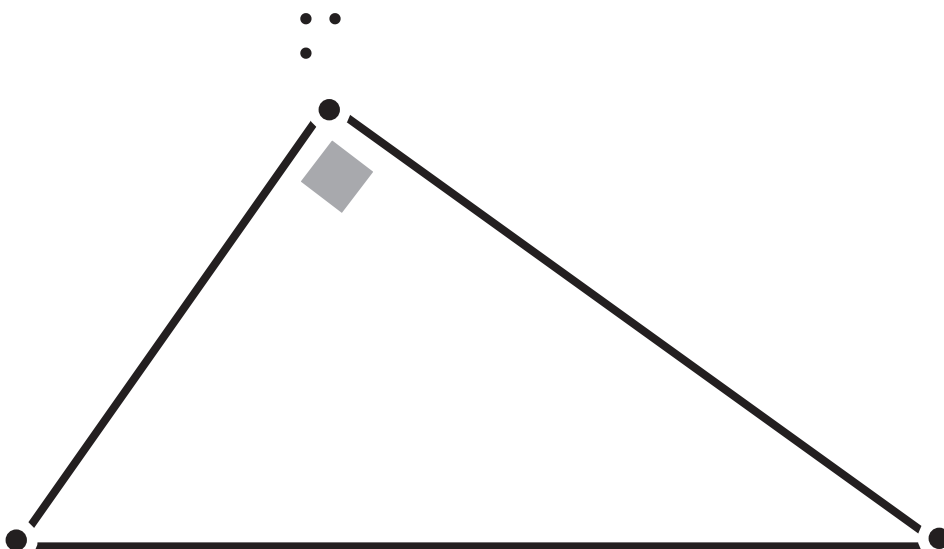
Exercice 14 page 212



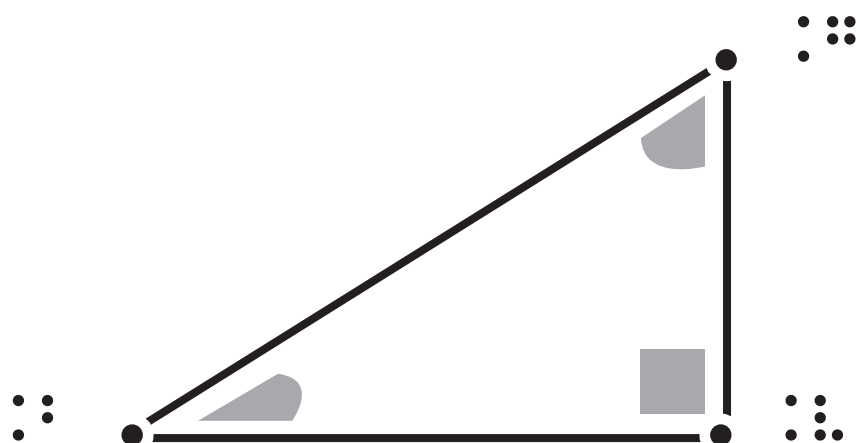
a) $\angle ABC = 33^\circ$



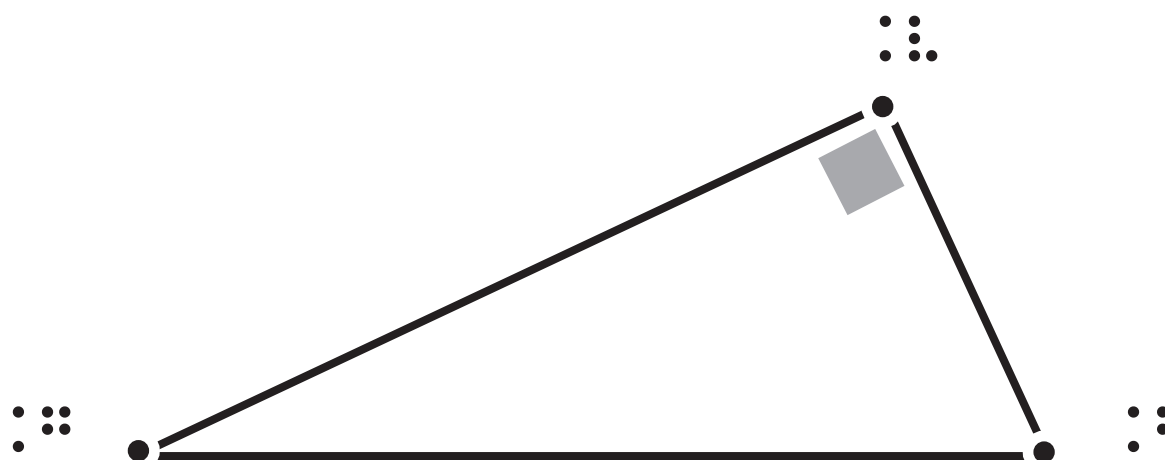
b) $AB=16$; $BC=34$; $AC=30$



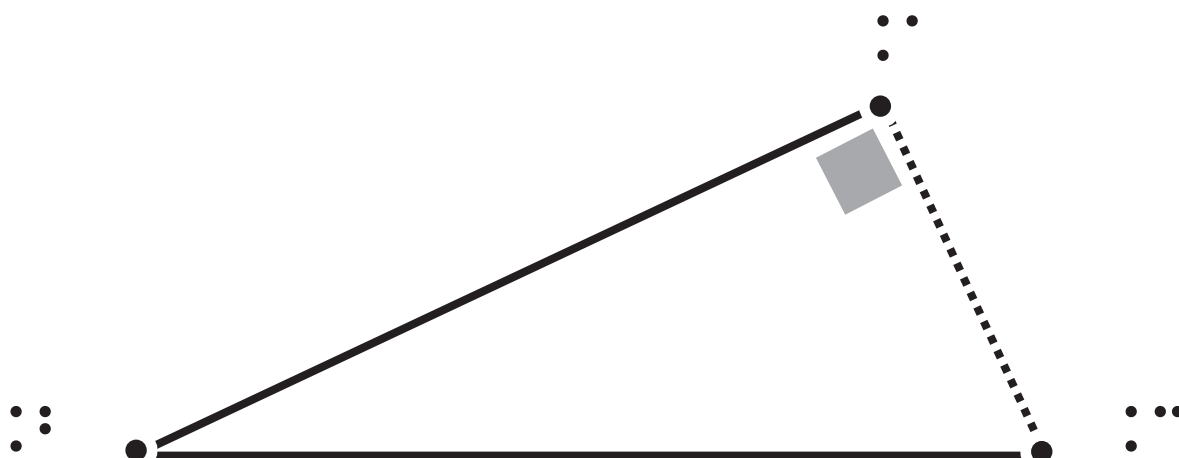
a) $GBV=36^\circ$; $BGV=54^\circ$



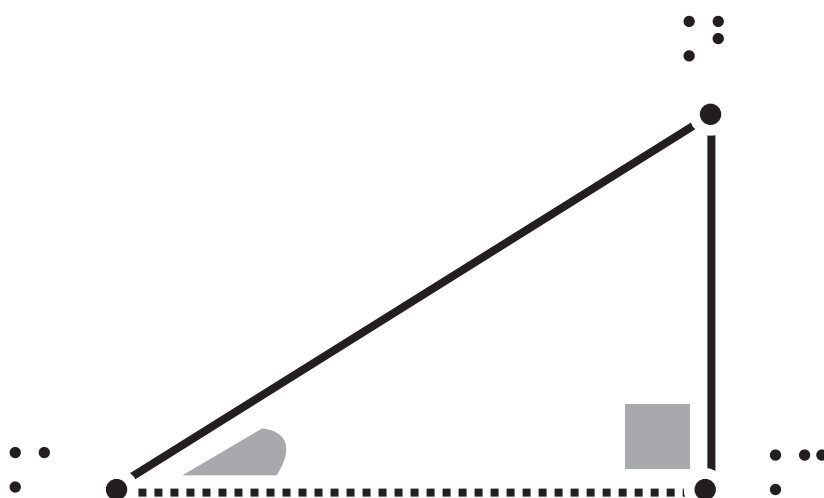
b) $GV=56$ mm; $VB=33$ mm; $BG=65$ mm



a) $\angle ABC = 33^\circ$; $BC = 10$ cm

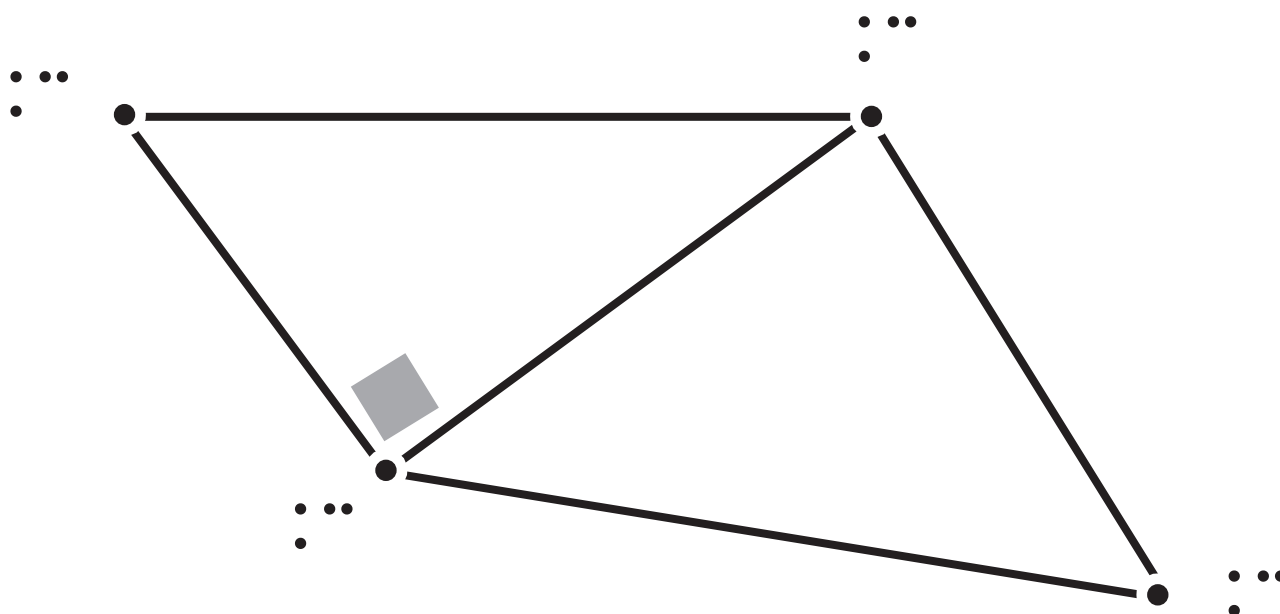


b) $\angle BAC = 25^\circ$; $BC = 4$ cm



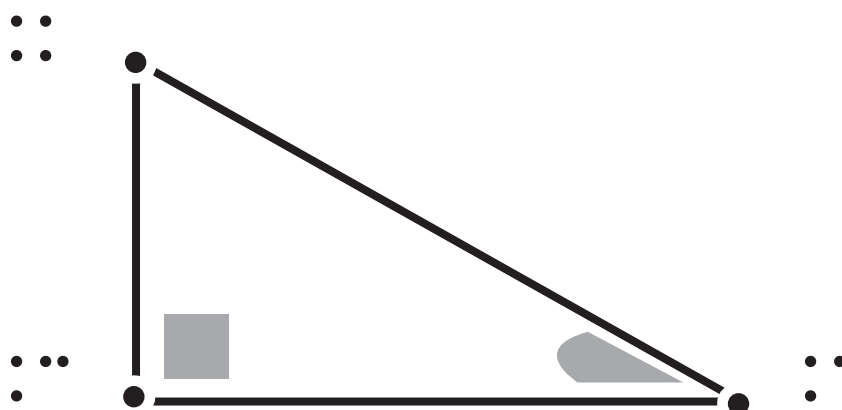
Exercice 24 page 213

REM=54°; ER=3,8 cm
RC=8 cm; CM=5 cm

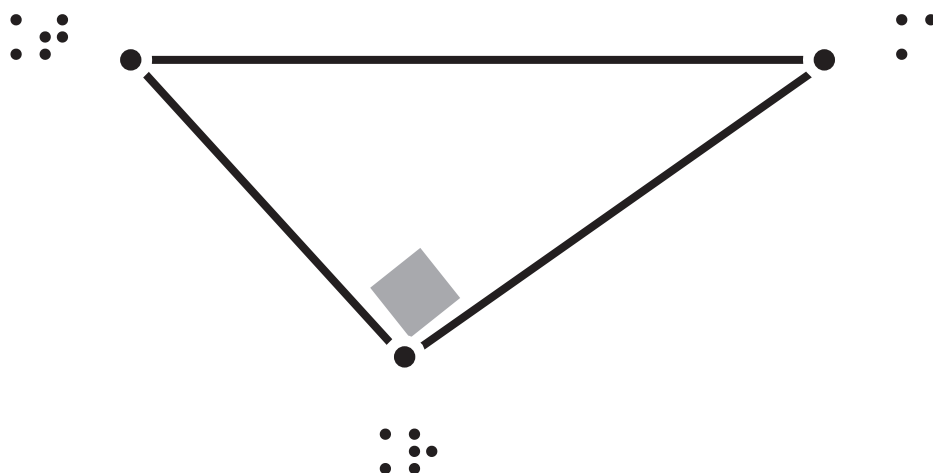


Exercice 28 page 214

KC=3 cm; CA=6 cm

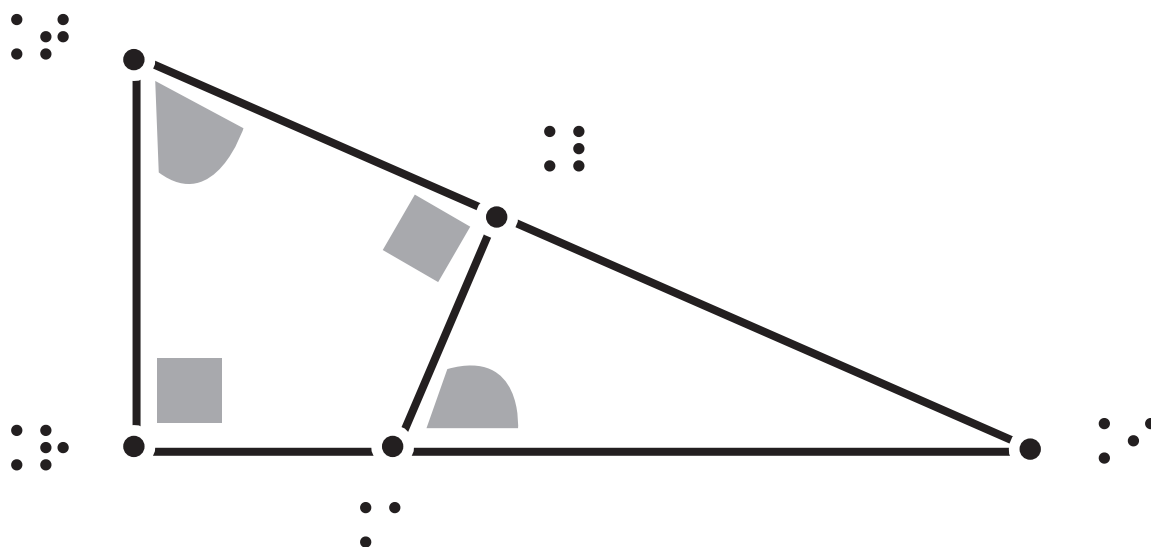


TA=8 cm; TR=5 cm



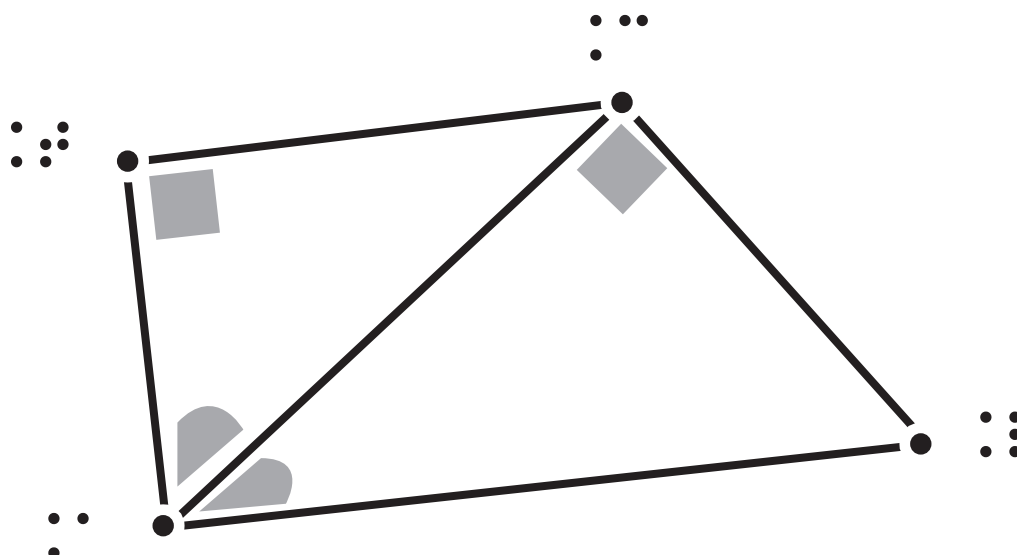
Exercice 31 page 214

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



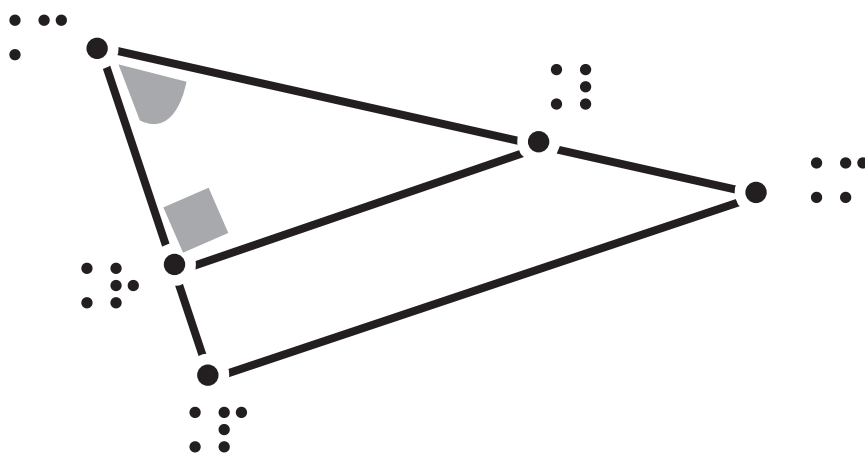
Exercice 32 page 214

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



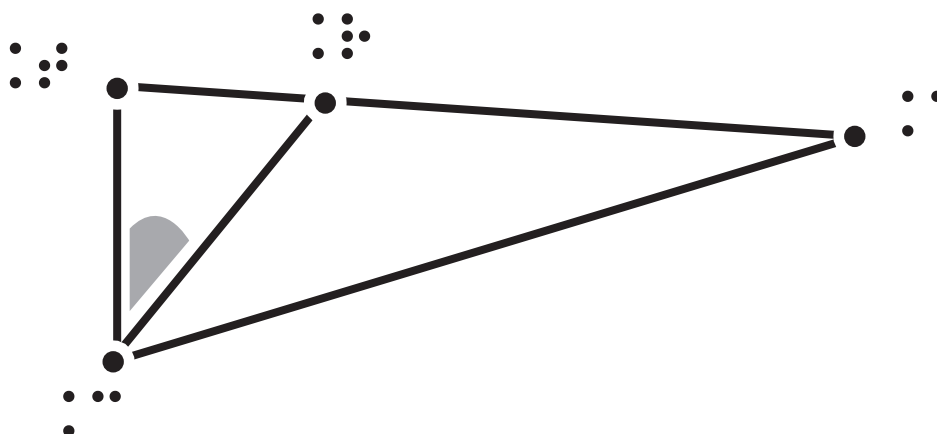
Exercice 41 page 215

CM=58 mm; RCL=59°
(RL)/(PM)



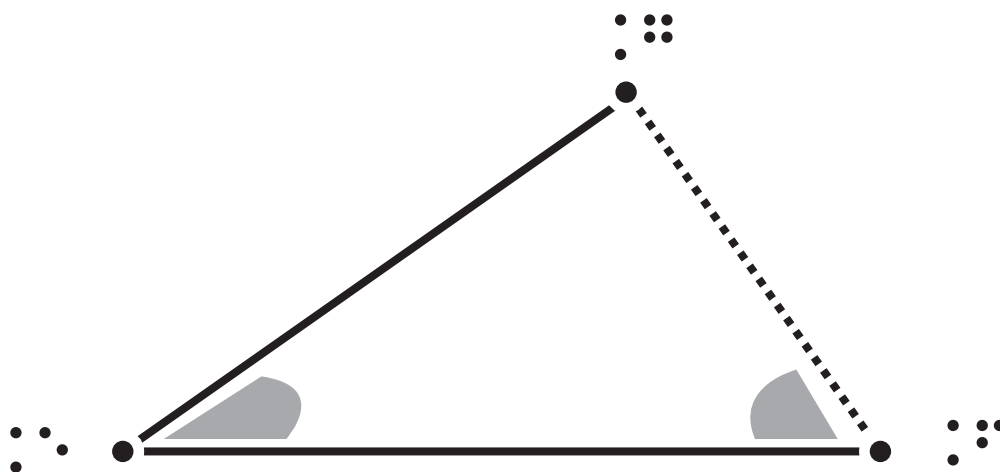
Exercice 41 page 215

CR=40°; TA=48 mm
AC=40 mm; CT=14 mm



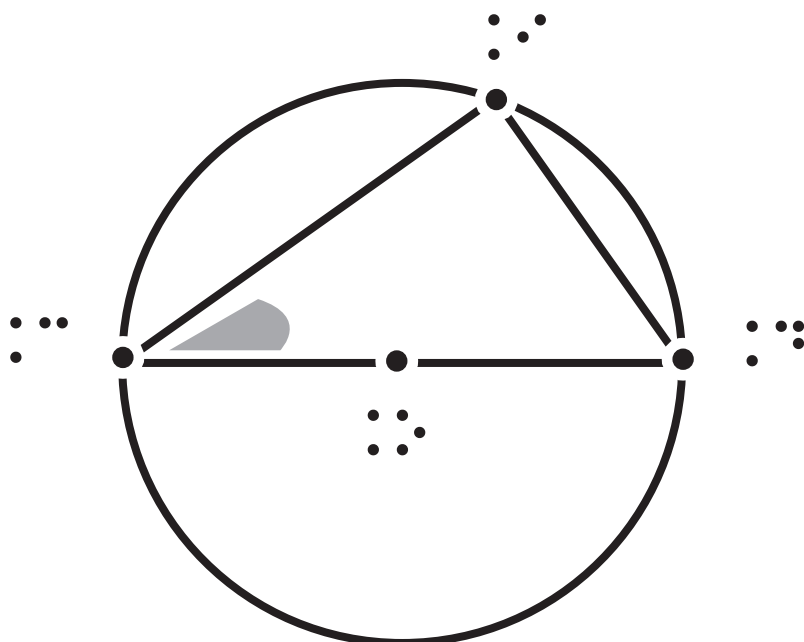
Exercice 43 page 215

$EG = 6 \text{ cm}$; $\angle GEF = 35^\circ$;
 $\angle EFG = 55^\circ$



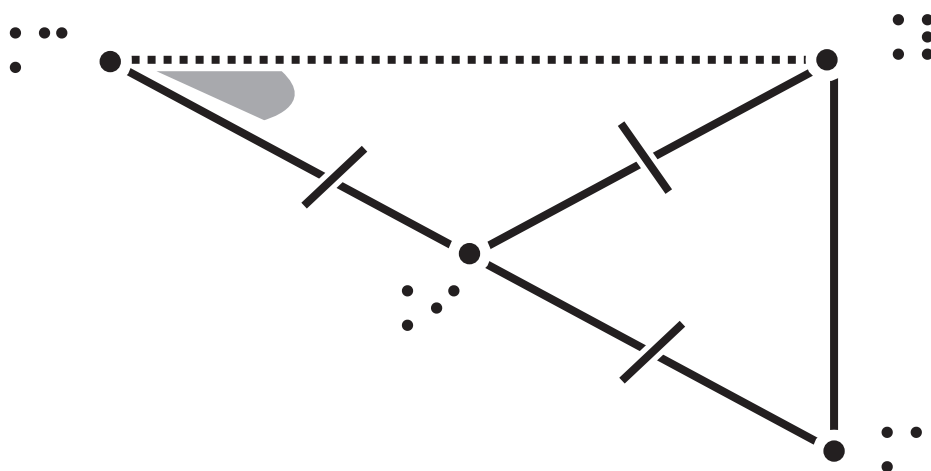
Exercice 44 page 215

$\angle ICD = 35^\circ$



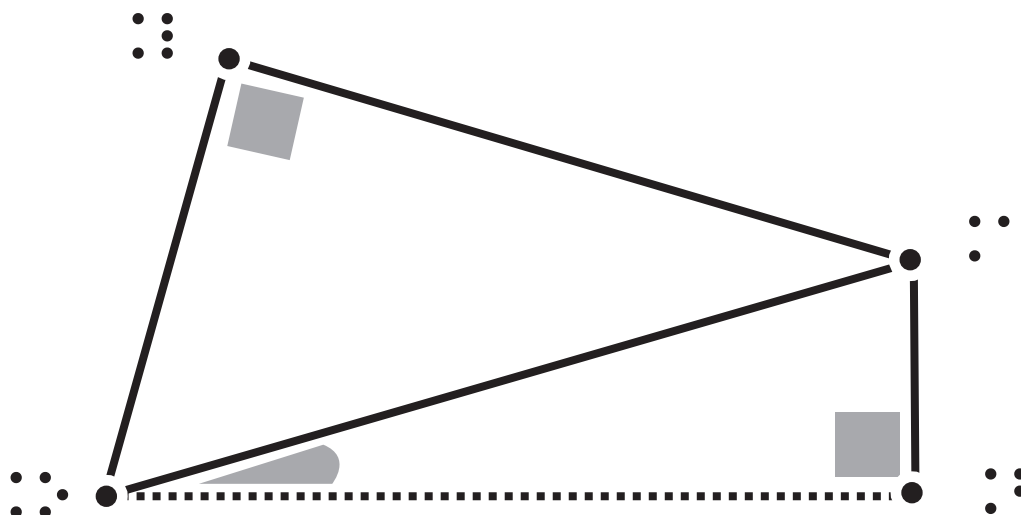
Exercice 45 page 215

$LCA=28^\circ$; $CI=IA=IL$



Exercice 46 page 215

$LO=28 \text{ mm}$; $LA=45 \text{ mm}$; $AOB=16^\circ$

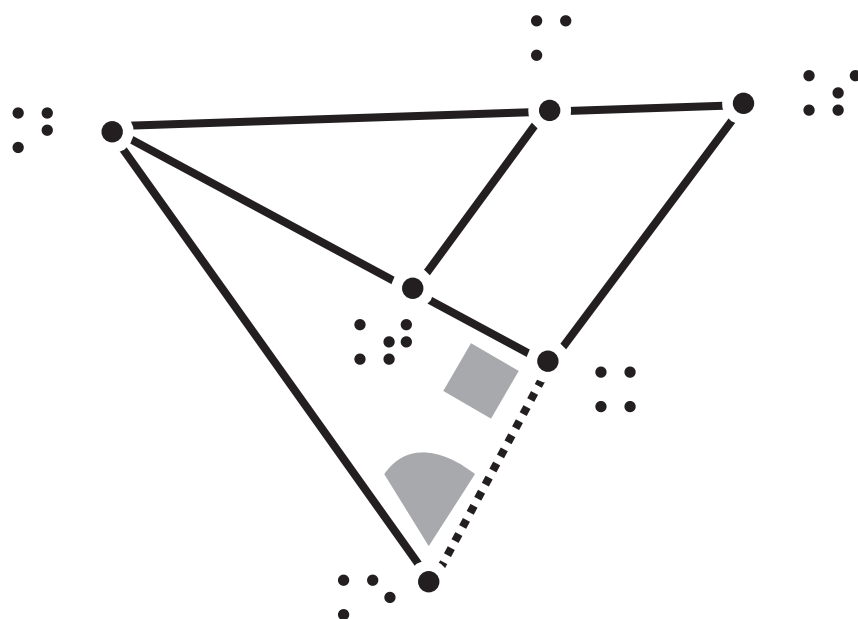


Triangle 3ème

Triangle 3ème

Triangle 3ème

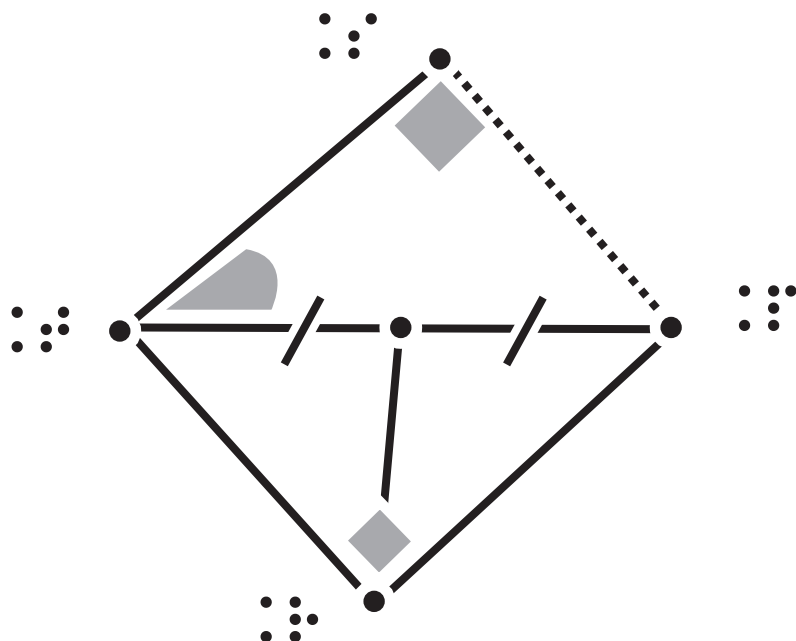
BT=20 mm; TA=14 mm; KS=21 mm; KEB=64°
(AT)/(KS)



Triangle 3ème

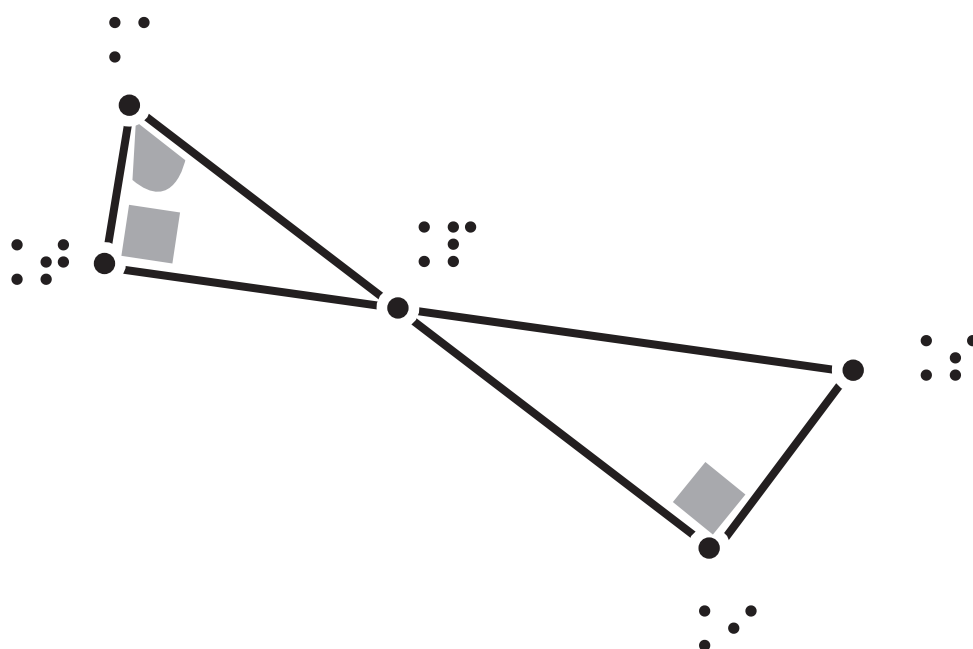
Triangle 3ème

IR=6 cm; TI=IP; STP=40°



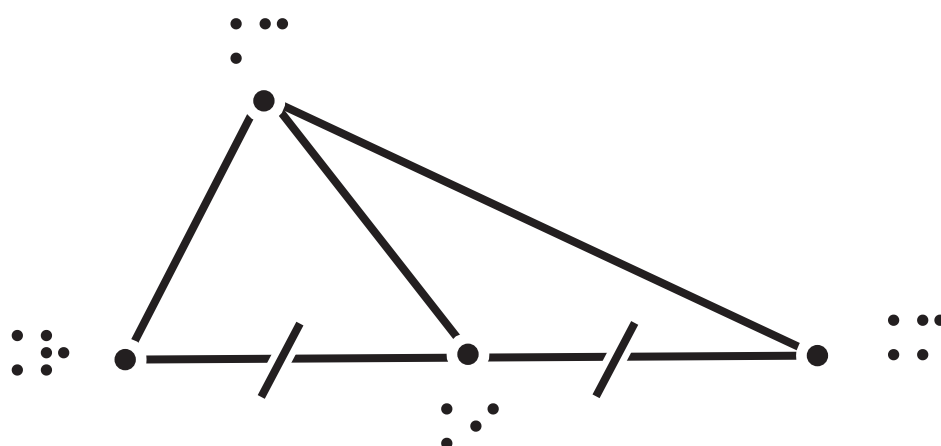
Exercice 52 page 216

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

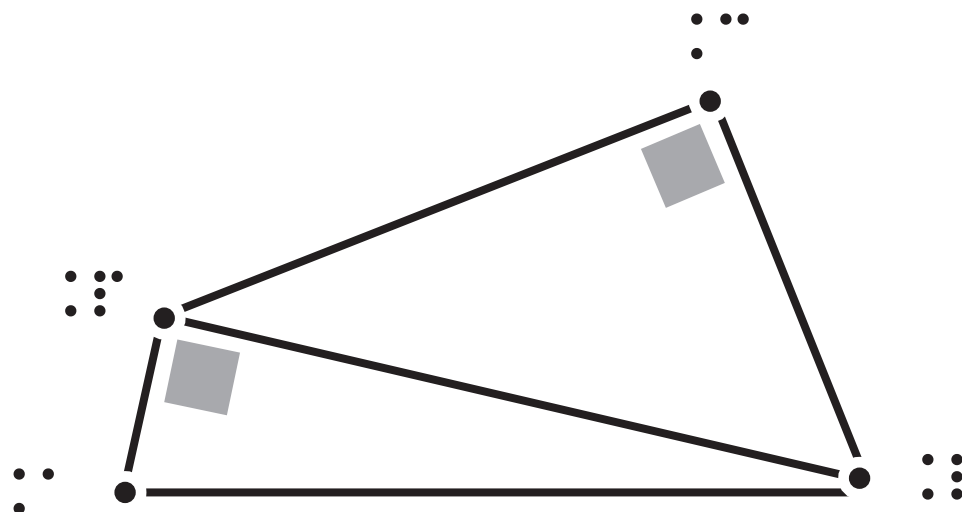


Exercice 55 page 216

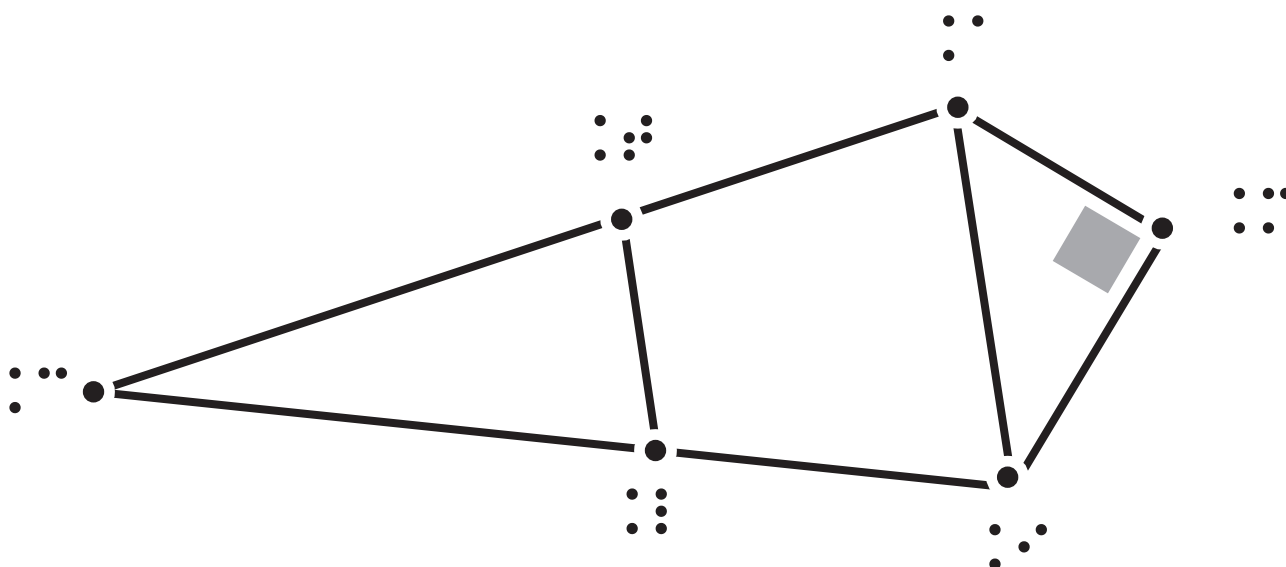
CR=20 mm; CI=28 mm;
RM=56 mm; RI=IM



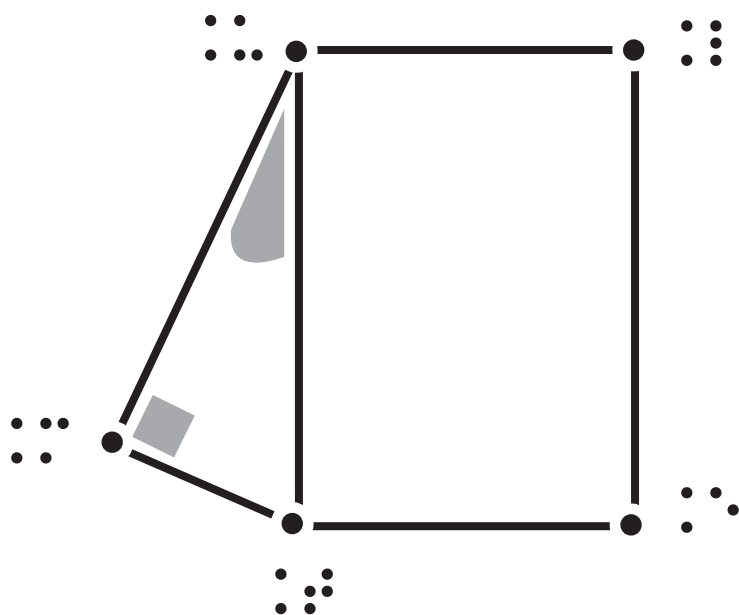
PC=24 cm; PA=9 cm; CL=32 cm



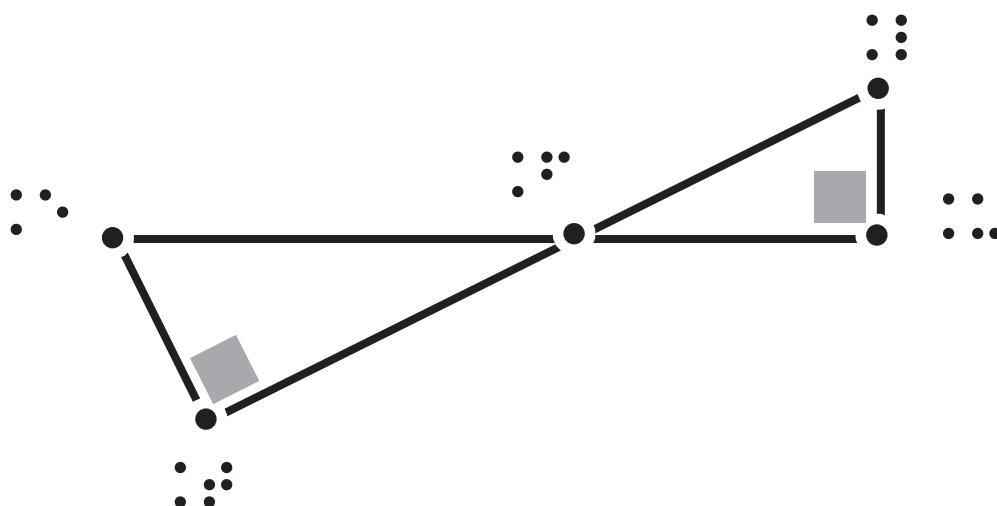
(TL)/(AI); CL=50 mm; CI=80 mm; IM=25 mm; TL=20 mm;



TM=3 cm; UL=5 cm; TUM=25°



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



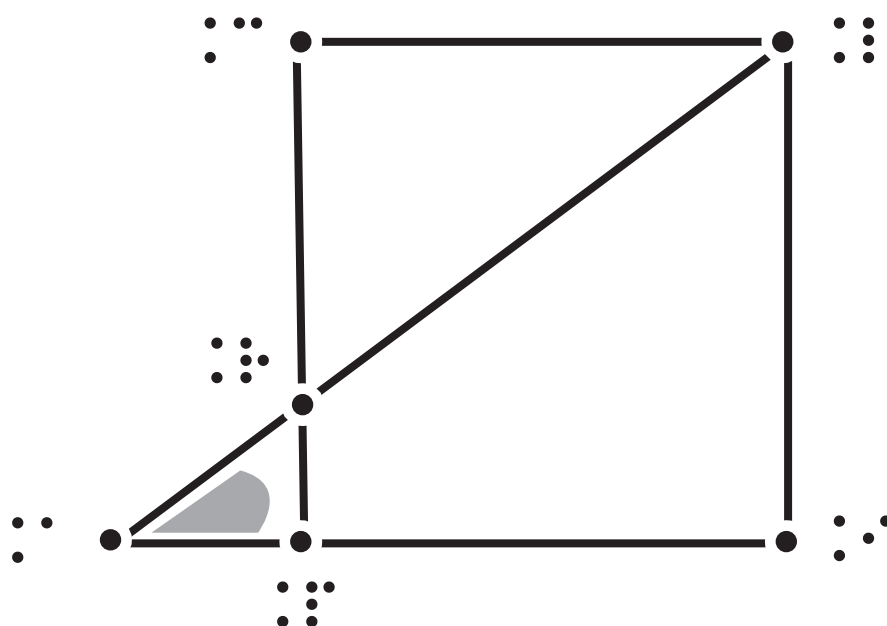
The diagram shows a graph with 8 vertices and 10 edges. The vertices are arranged in a sequence from left to right. The first three vertices form a triangle. The fourth vertex is connected to the third and the fifth. The fifth and sixth vertices form a horizontal line. The sixth and seventh vertices form a V-shape. The eighth vertex is connected to the seventh. Each vertex has a cluster of small dots nearby, representing a local neighborhood or a specific attribute.

Figure 1 consists of four scatter plots, labeled (a) through (d), showing the frequency of children per family for different ethnic groups. The x-axis for all plots is 'Number of children' (0 to 6), and the y-axis is 'Frequency' (0 to 10).

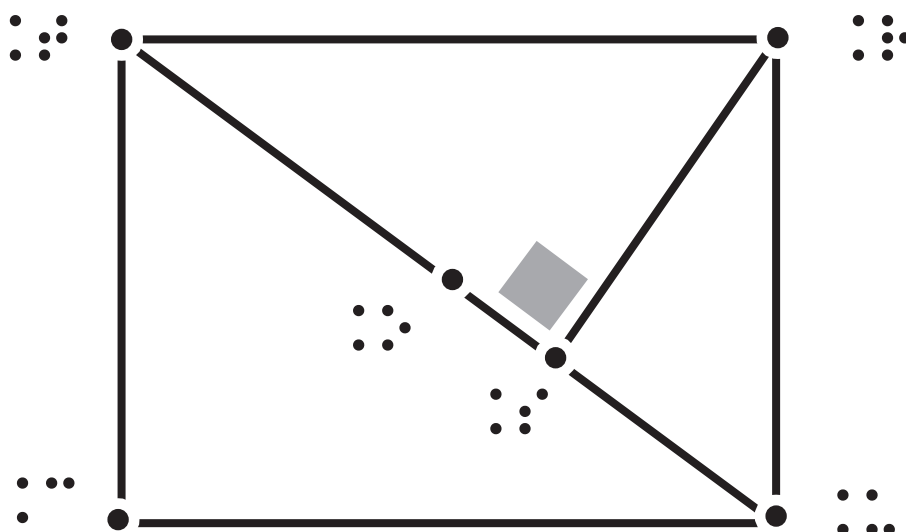
- (a) White: Frequencies are 1 for 0 children, 2 for 1 child, 3 for 2 children, 2 for 3 children, 1 for 4 children, and 0 for 5 and 6 children.
- (b) Black: Frequencies are 0 for 0 children, 1 for 1 child, 2 for 2 children, 2 for 3 children, 1 for 4 children, and 0 for 5 and 6 children.
- (c) Indian: Frequencies are 0 for 0 children, 1 for 1 child, 2 for 2 children, 2 for 3 children, 1 for 4 children, and 0 for 5 and 6 children.
- (d) Pakistani: Frequencies are 0 for 0 children, 1 for 1 child, 2 for 2 children, 2 for 3 children, 1 for 4 children, and 0 for 5 and 6 children.

Exercice 97 page 221

CR=6 cm



Exercice 98 page 221



EH=1,5 cm; HGE=25°; EGF=38°

