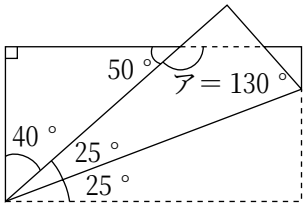
1

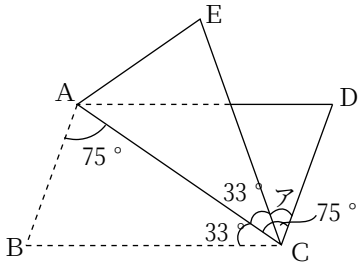
(1)	130 °
(2)	42 °
(3)	40 °
(4)	40 °
(5)	34 °
(6)	36 °
(7)	56 °
(8)	45 °

［解　説］

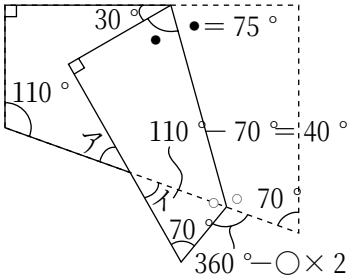
1 (1)



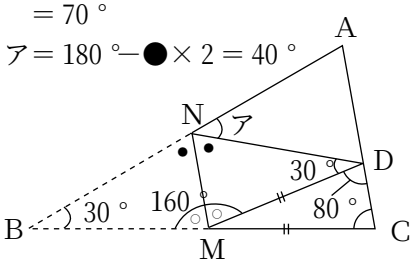
(2)



(3) ●＝(180 °－30 °)÷2＝75 °
○＝360 °－(75 °＋90 °＋70 °)
＝125 °

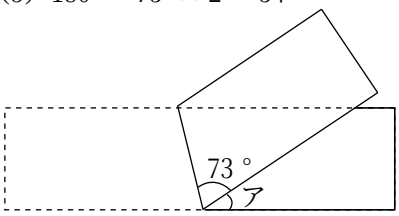


(4) ○×2＝80 °×2, ○＝80 °
●＝180 °－(80 °＋30 °)
＝70 °
ア＝180 °－●×2＝40 °

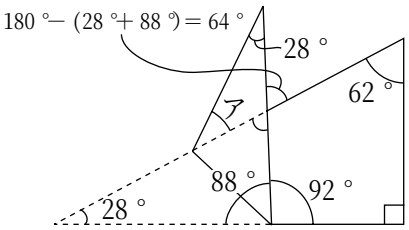


360 °－○×2＝110 °

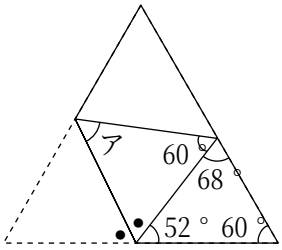
(5) 180 °－73 °×2＝34 °



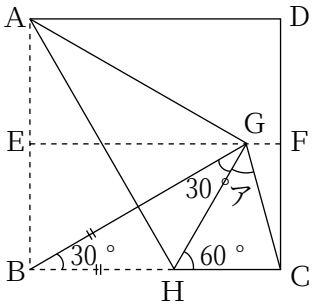
(6) ア＝64 °－28 °＝36 °



(7) ●＝(180 °－52 °)÷2＝64 °
ア＝180 °－(60 °＋64 °)＝56 °



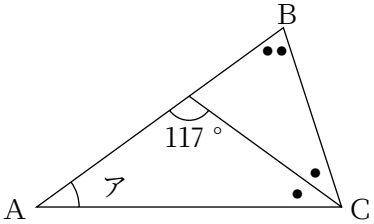
(8) 三角形ＡＢＧは正三角形
三角形ＢＣＧは二等辺三角形
ア＝75 °－30 °＝45 °



2

(1)	24 °
(2)	90 °

2 (1) ●×3＝117 °, ●＝39 °
ア＝180 °－39 °×4＝24 °



(2) ●●＋○○＝180 °, ●＋○＝90 °
ア＝180 °－(●＋○)＝90 °