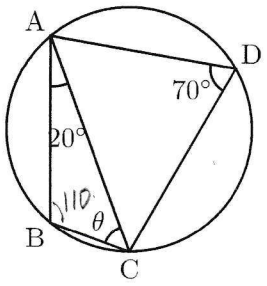
Zukeito 24-1

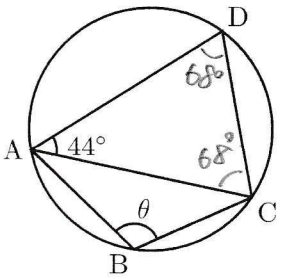
点 A, B, C, D は円周上の点です。このとき, $\theta$ の大きさを求めよ。

(1)




$180^\circ - (20^\circ + 110^\circ)$
$= 180^\circ - 130^\circ$
$= 50^\circ$

(2)

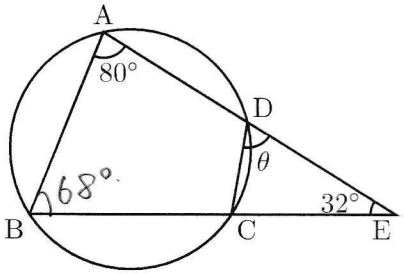



$(180^\circ - 44^\circ) \div 2 = 136^\circ \div 2^\circ = 68^\circ$

$180^\circ - 68^\circ = 112^\circ$

$\overset{\frown}{AD} = \overset{\frown}{AC}$

(3)




$180^\circ - (80^\circ + 32^\circ) = 68^\circ$

$68^\circ$