Law of Sines (Cases)

Angle-Angle-Side (AAS)
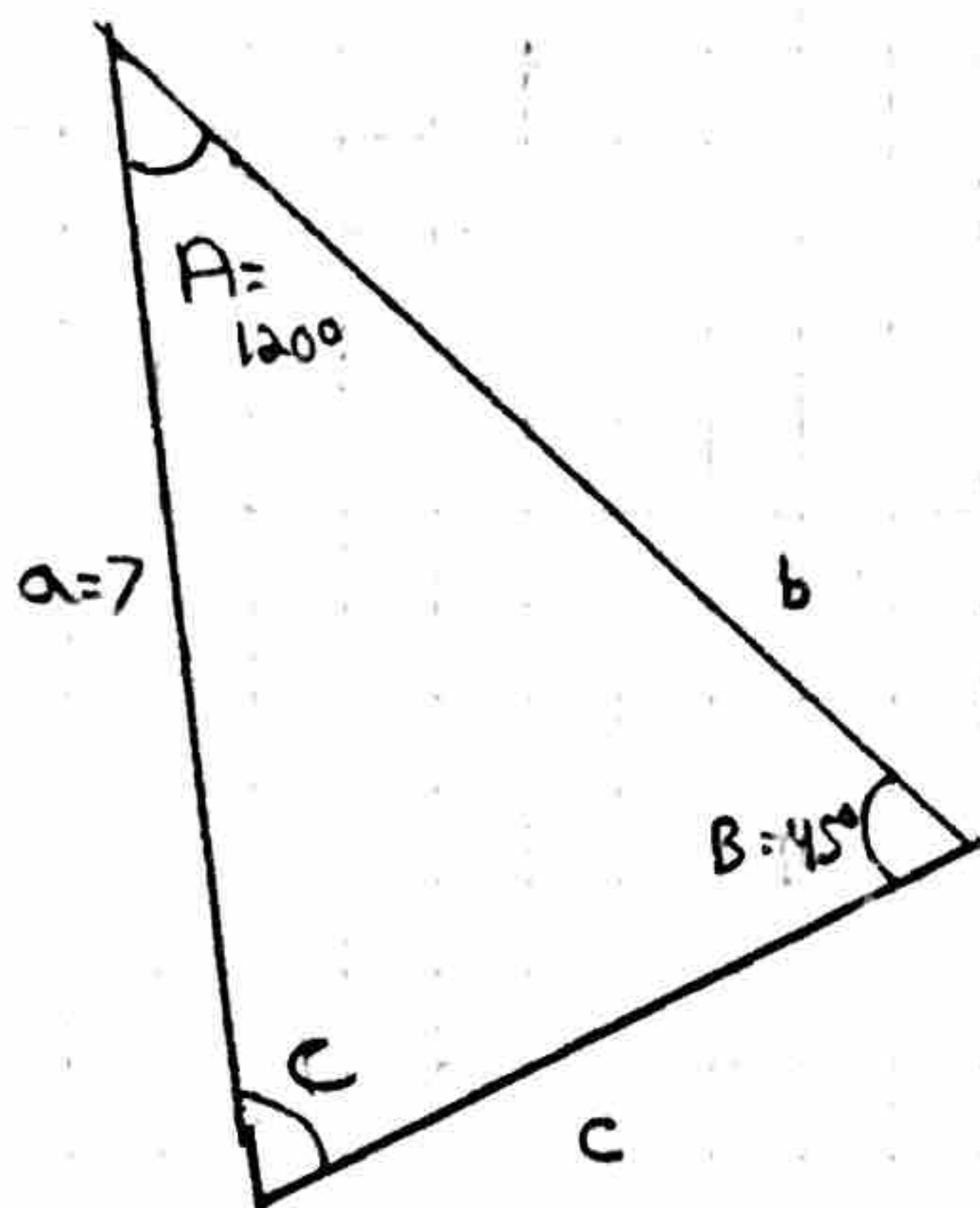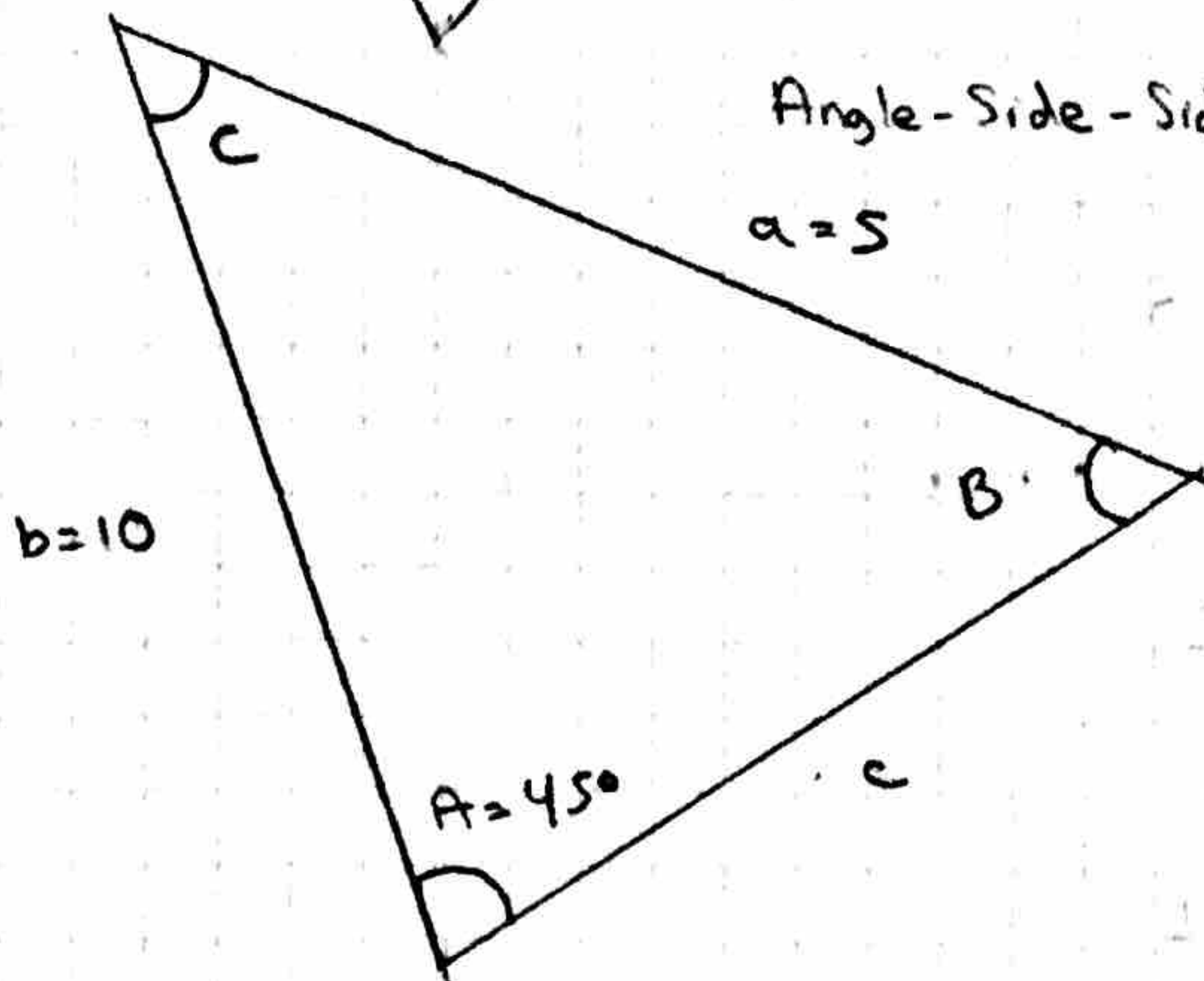
2 Given Angles
1 Given Side

A = 120°
a = 7
B = 45°
b
c
C

Angle-Side-Angle (ASA)

2 Given Angles
1 Given Side

C
a
B = 30°
b
C = 5.25
A = 85°
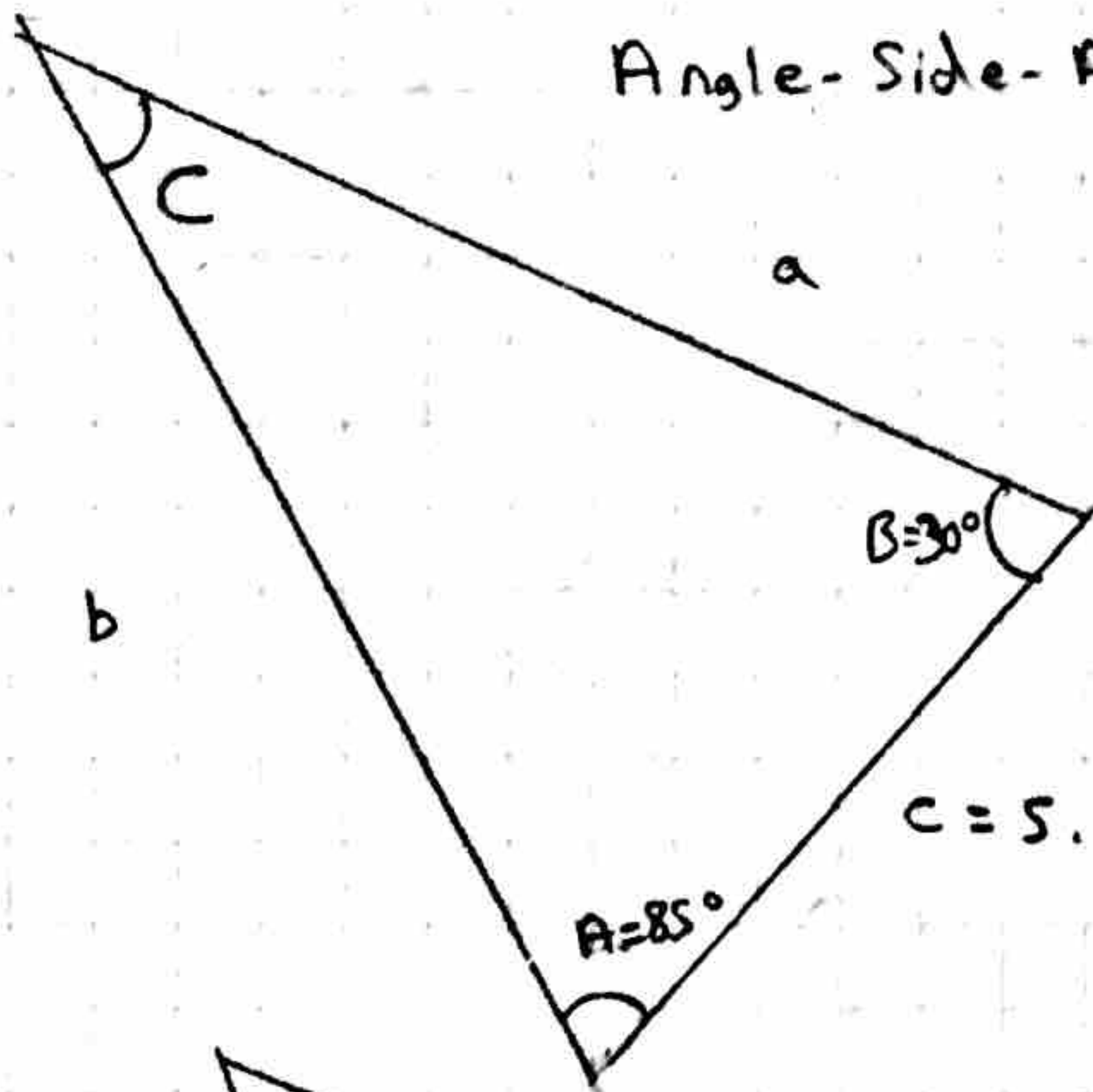
Angle-Side-Side (ASS)

2 Given Sides
1 Given Angle

C
a = 5
B
b = 10
c
A = 45°

Law of Cosines (Cases)

Side-Angle-Side (SAS)

Given 2 Sides
Given 1 Angle

$B_{50°}$

$a = 7$

$C =$

$c = 2$

$b =$

$A =$
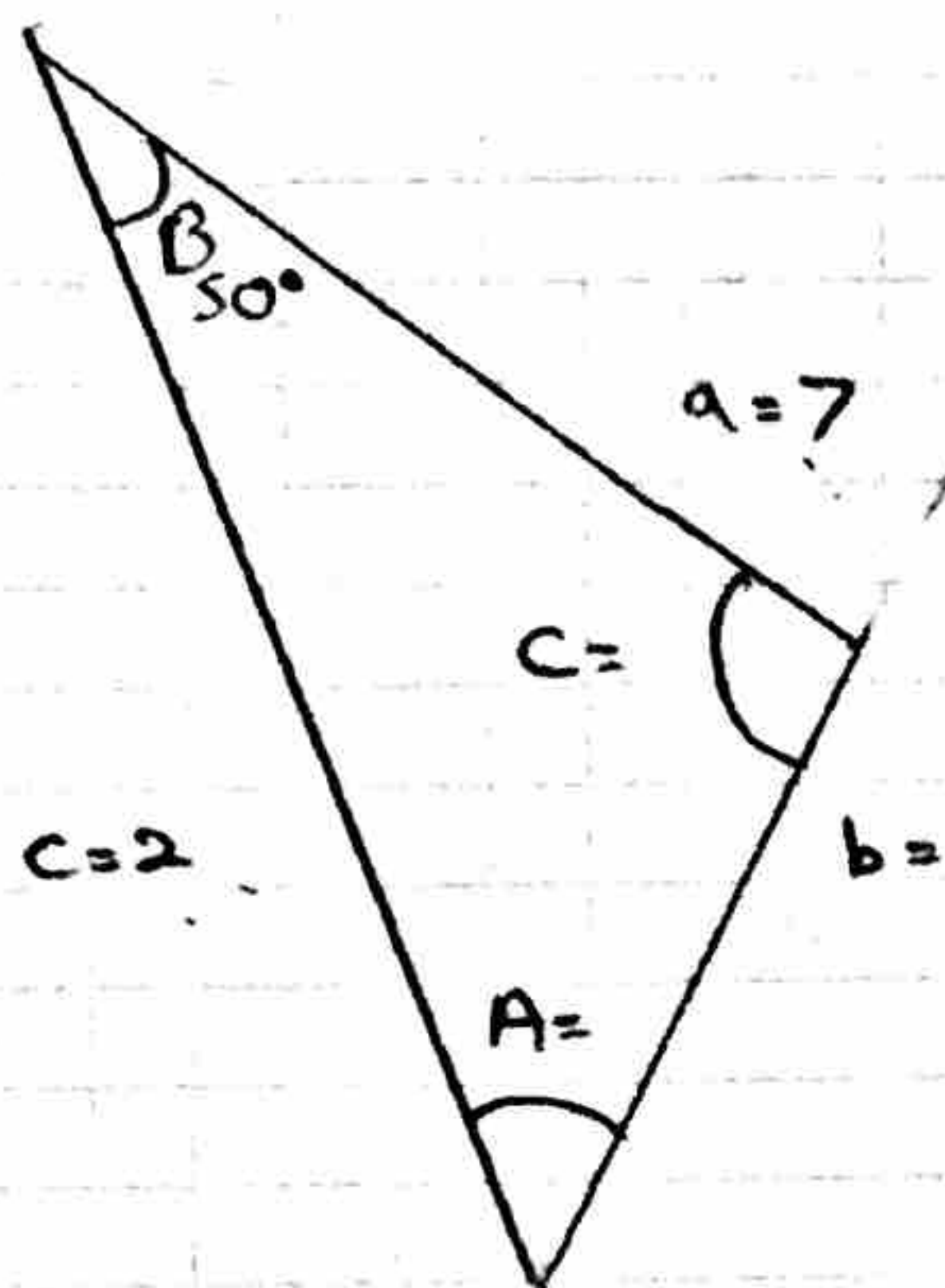
Side-Side-Side (SSS)

Given 3 Sides

$C =$

$b = 7$

$a = 4$

$A =$

$B =$

$c = 5$