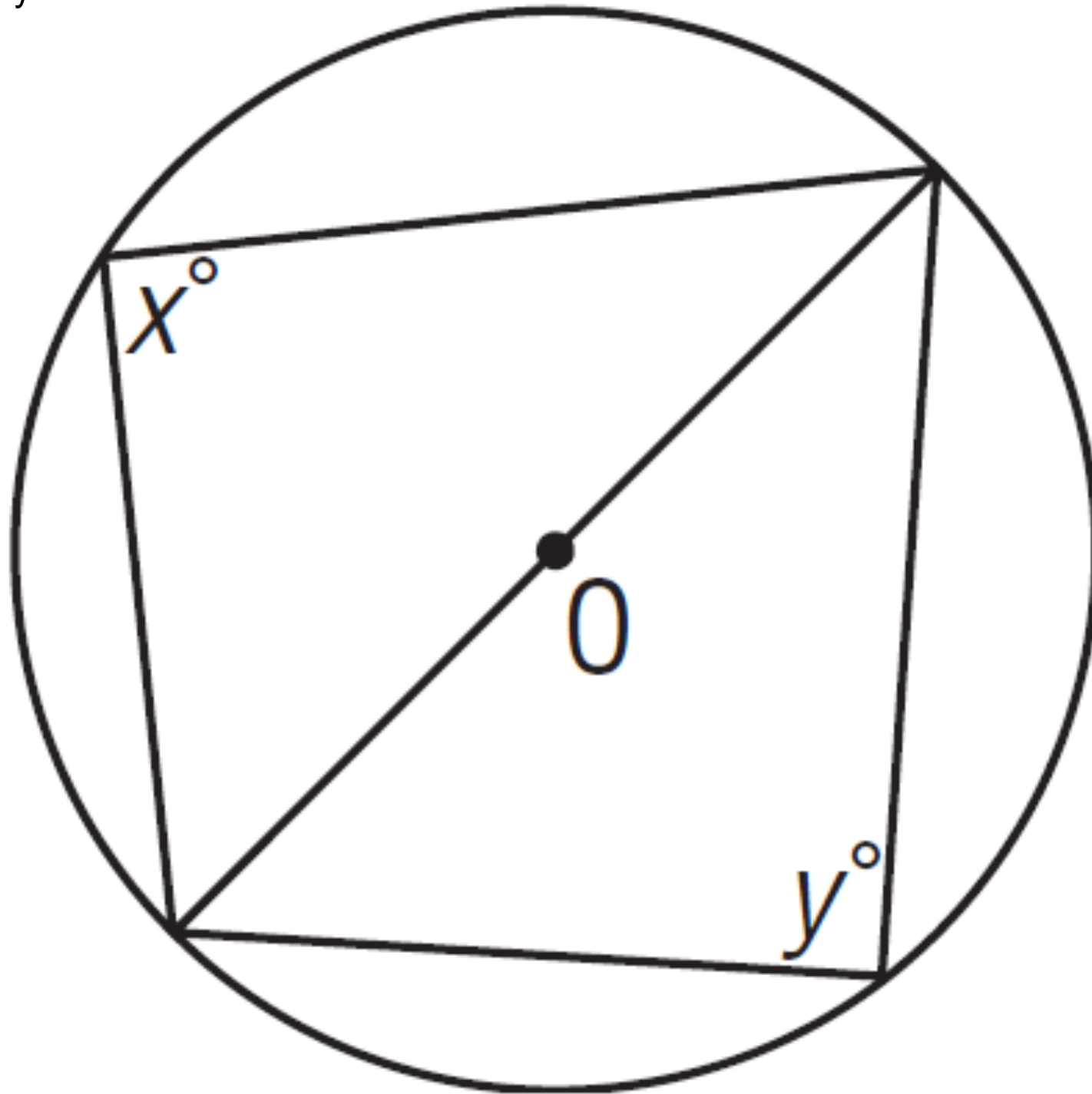Find angle x and y.

Circle Camp Question #1

Find angle x and y.

120°

O

x°

y°
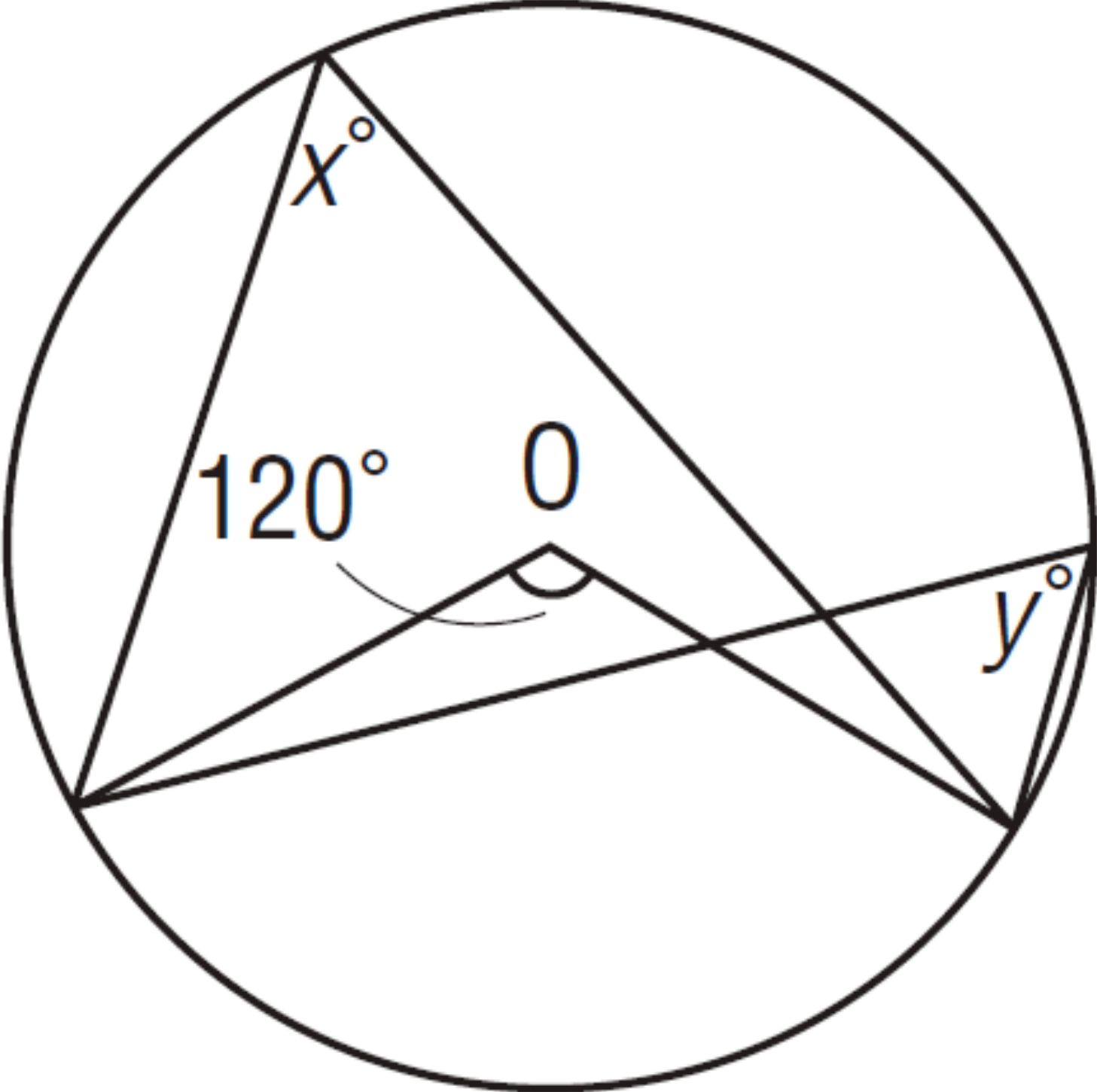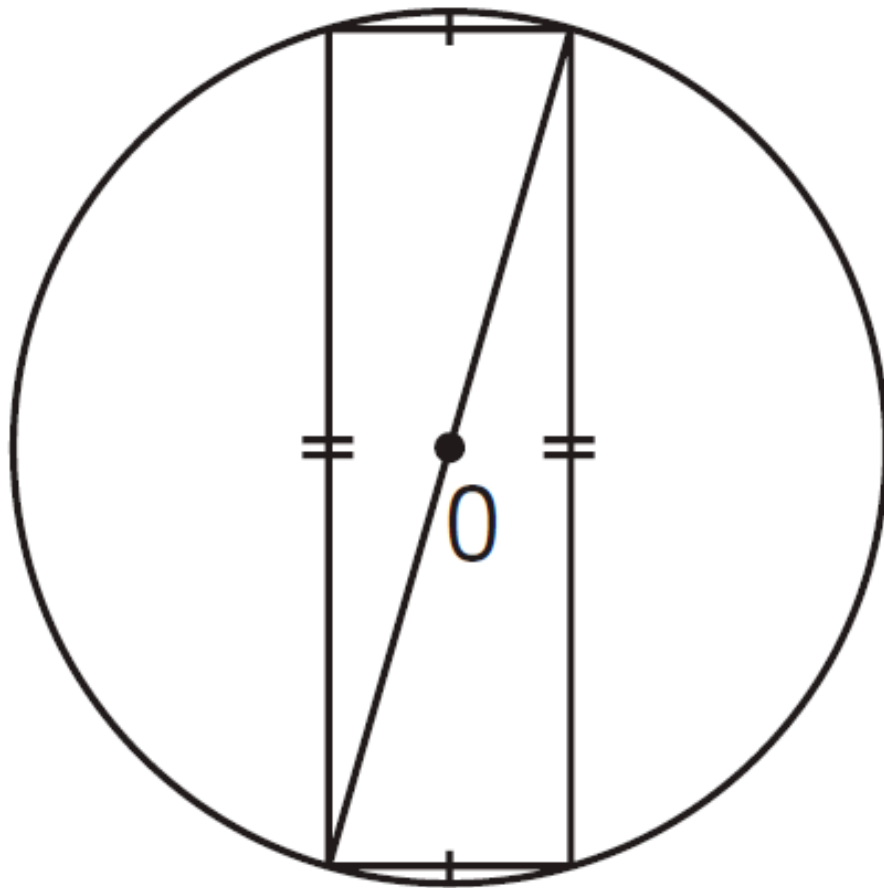
Circle Camp Question #2

Find angle x and y.

$x°$

$150°$

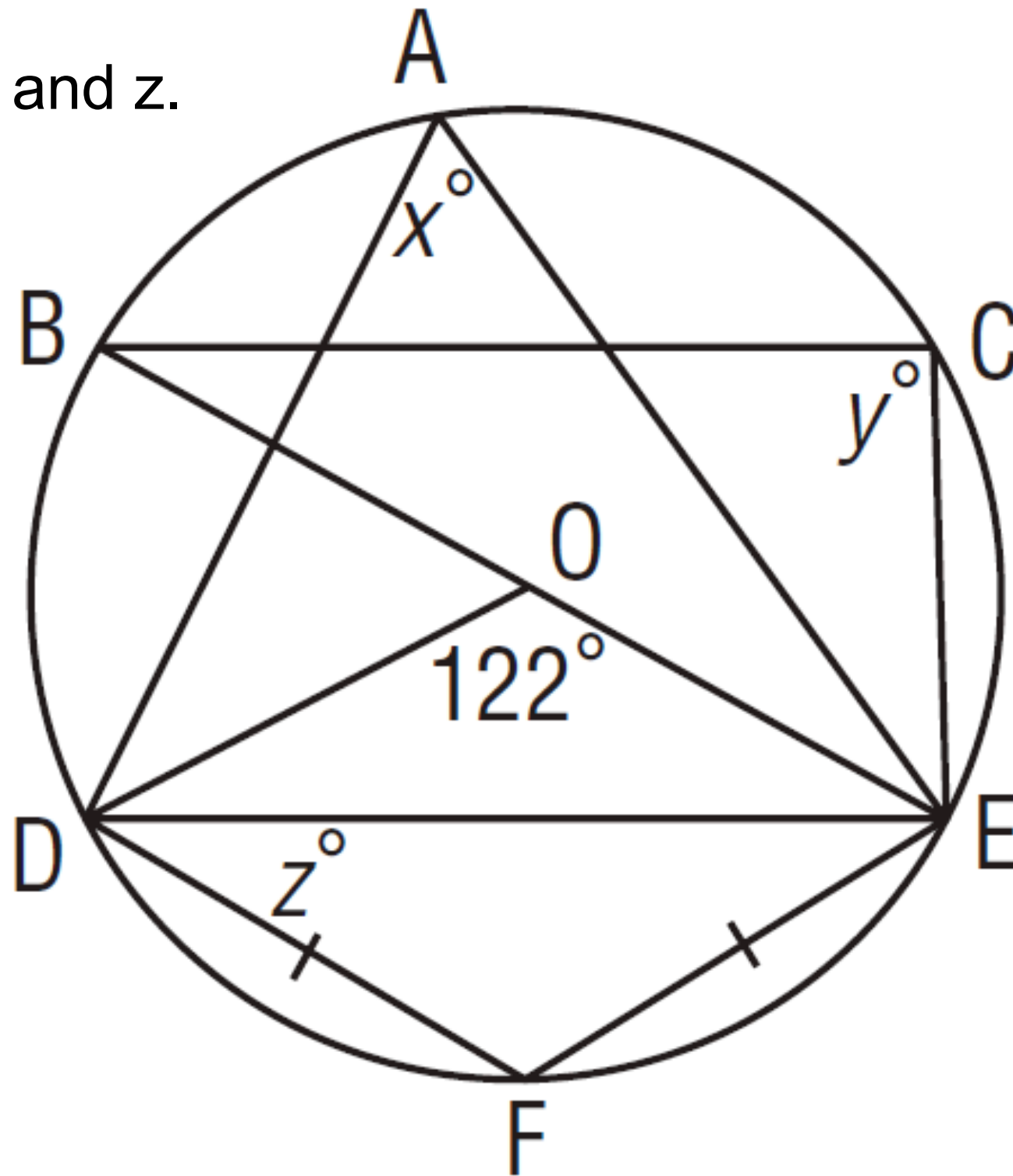O

$y°$
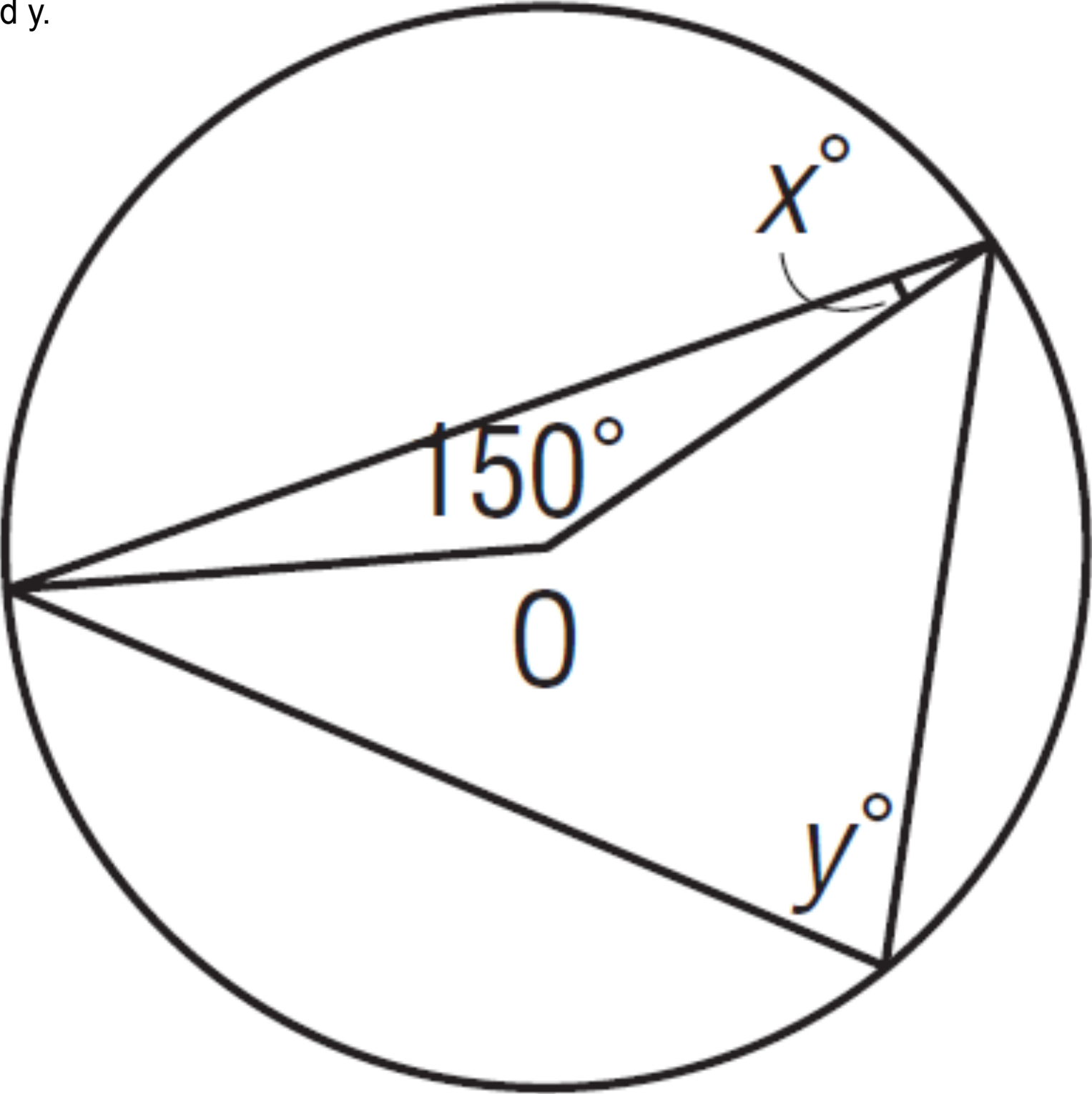
Circle Camp Question #3

A rectangle is inscribed in a circle, centre O and diameter 36.0 cm. A shorter side of the rectangle is 10.0 cm long. What is the length of a longer side? How do you know?
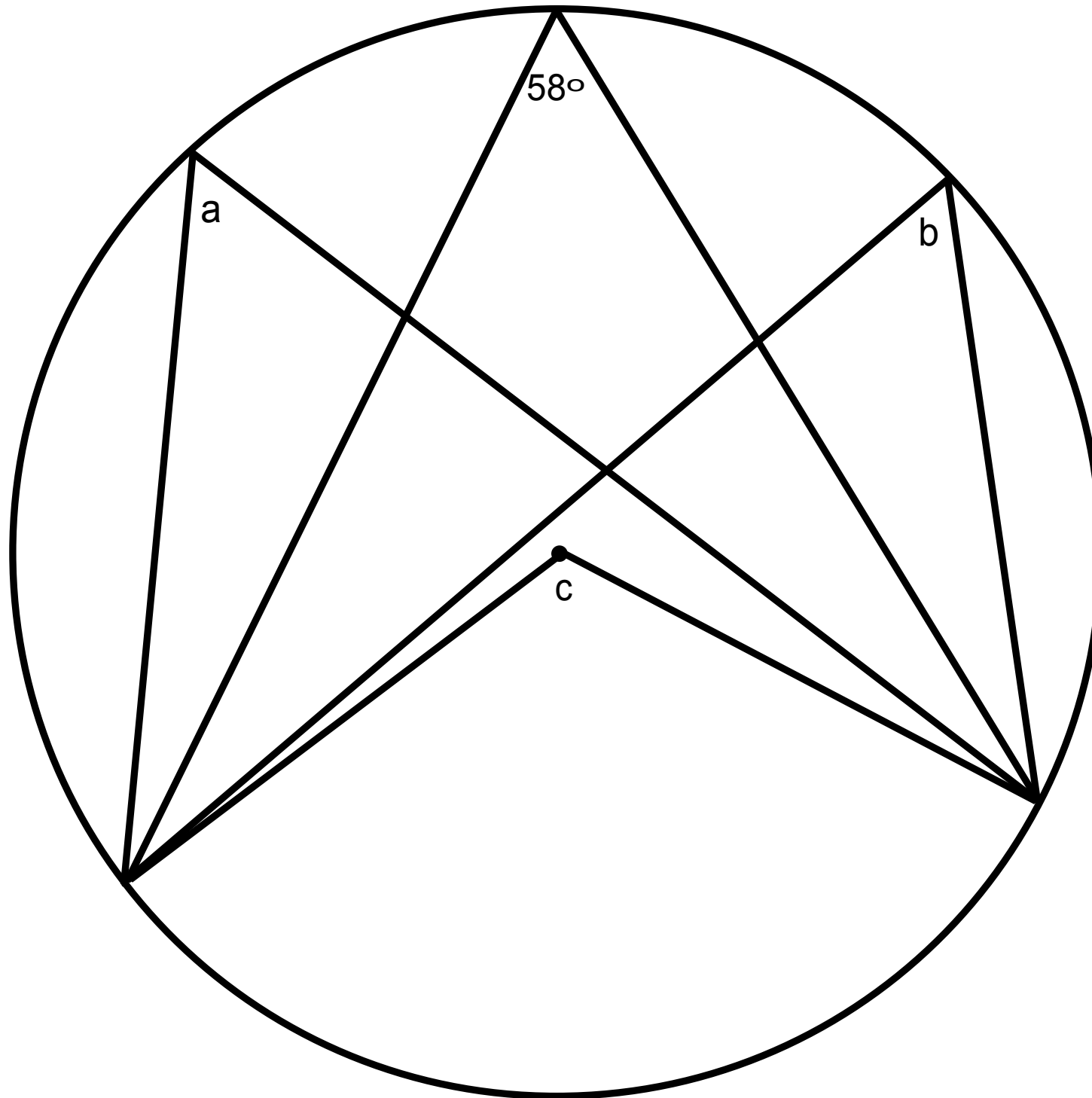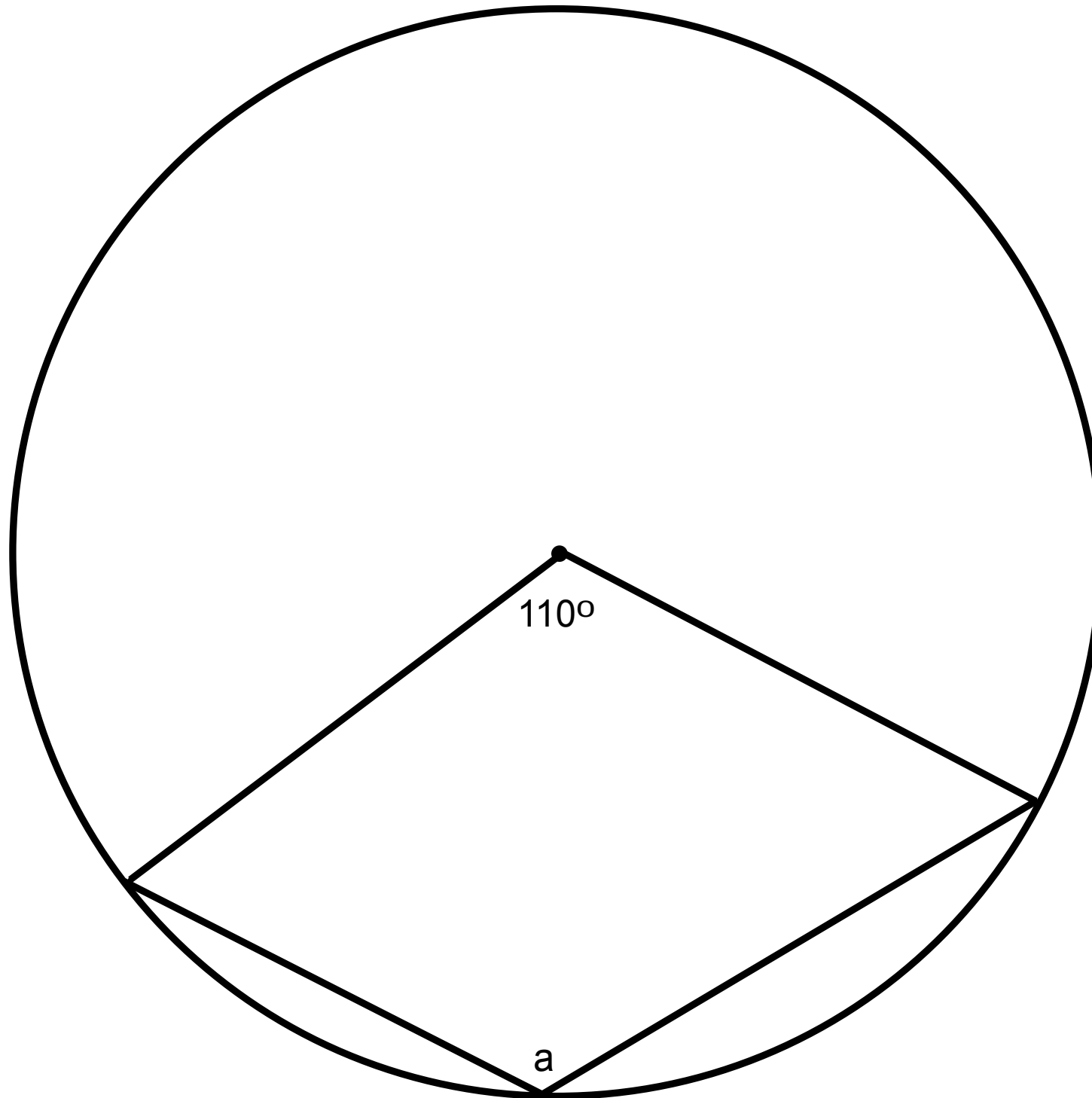
Brain Buster.

Find angle x, y and z.

Circle Camp Question #5

Brain Buster.

a) Construct a circle and mark points P and Q to form major and minor arcs PQ.

b) Construct inscribed ∠PRQ subtended by minor arc PQ.

c) Construct inscribed ∠PSQ subtended by major arc PQ.

d) How are ∠PRQ and ∠PSQ related? Justify your answer.

58°

a

b

c

Circle Camp Question #7

Find angle a.
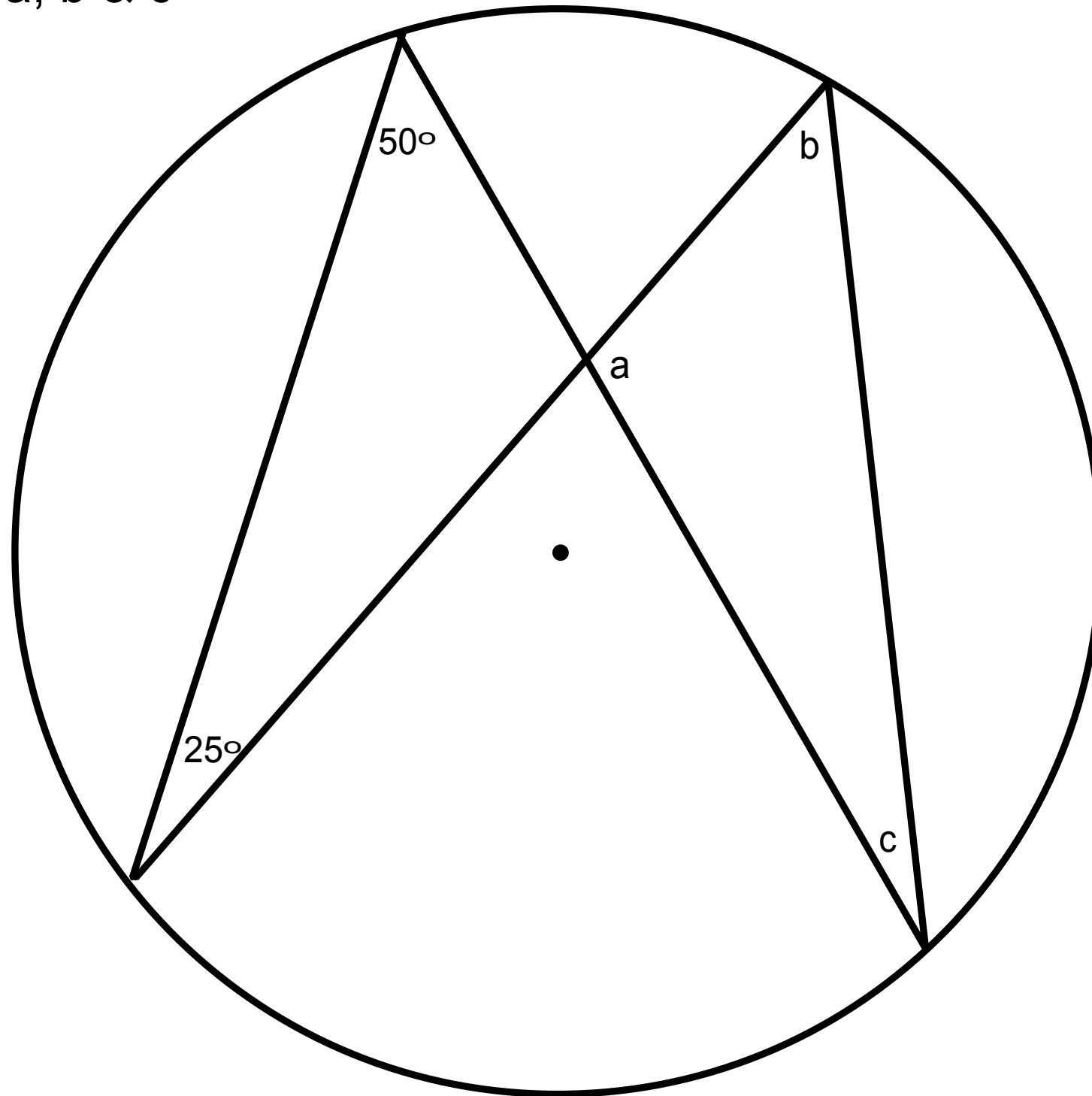
110º

a

Circle Camp Question #8

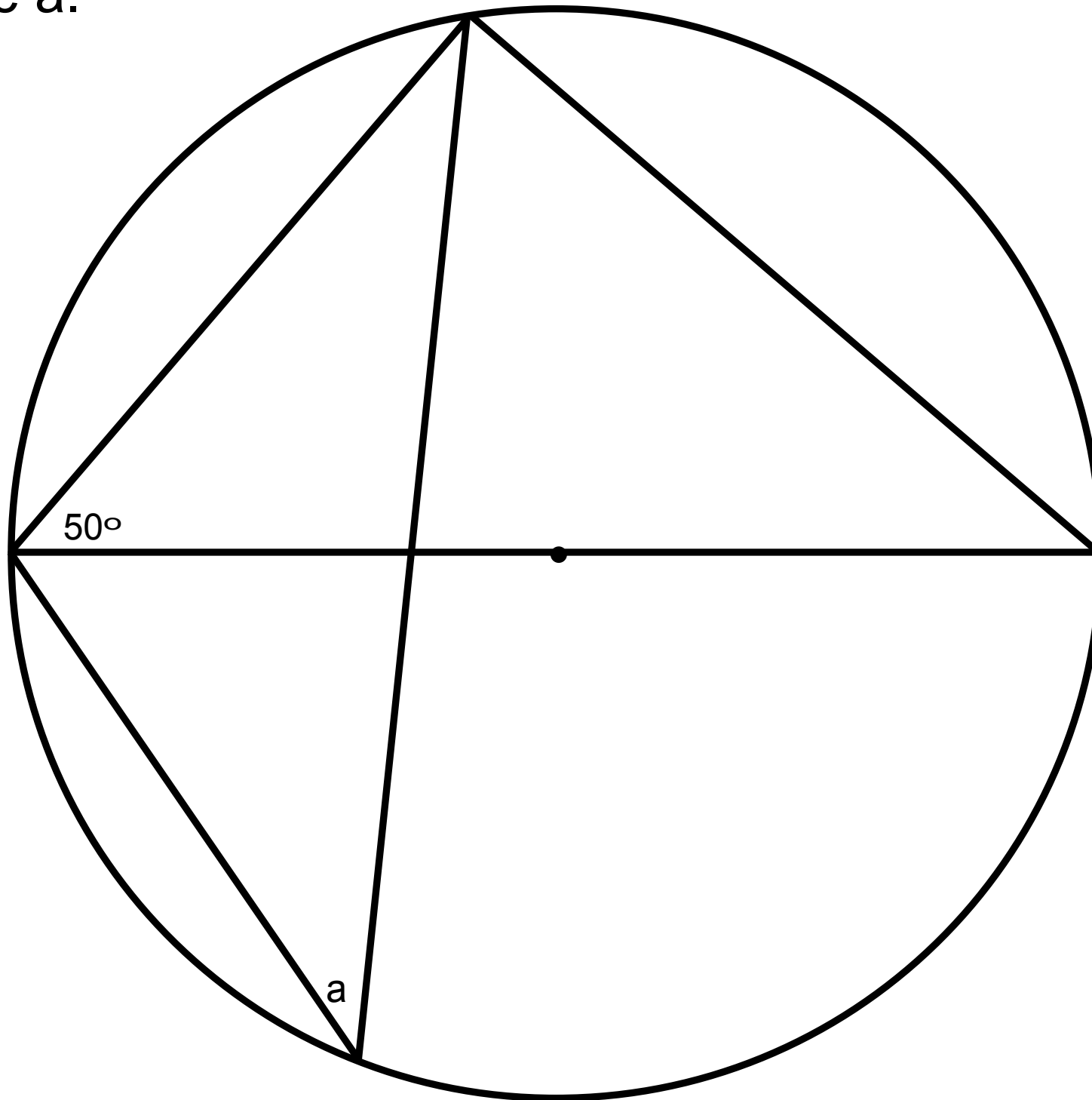Find angles a, b & c

50°

b

a

25°

c

Circle Camp Question #9

Find angle a.

50°

a
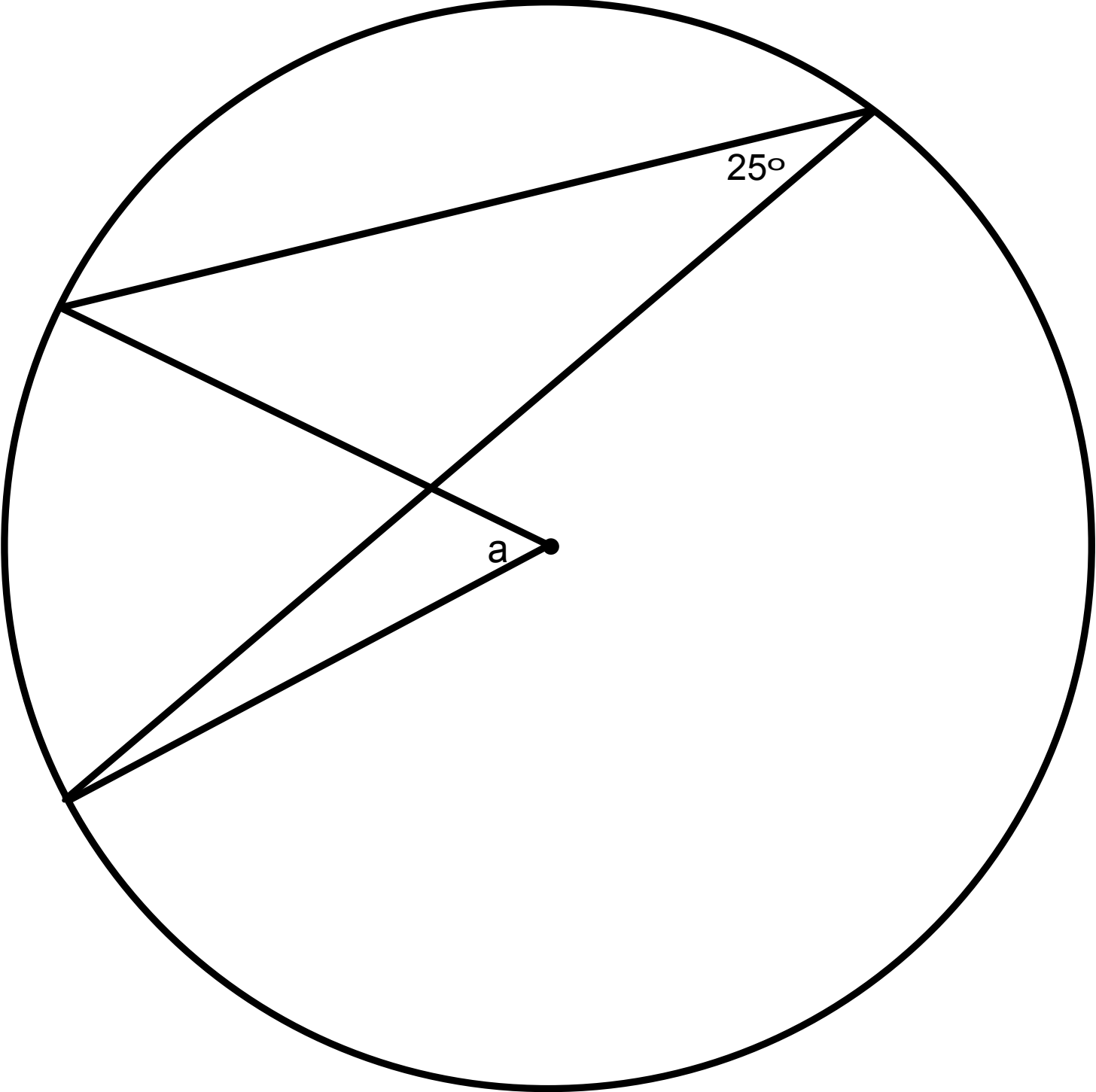
Circle Camp Question #10

Find angle a.

25°

a
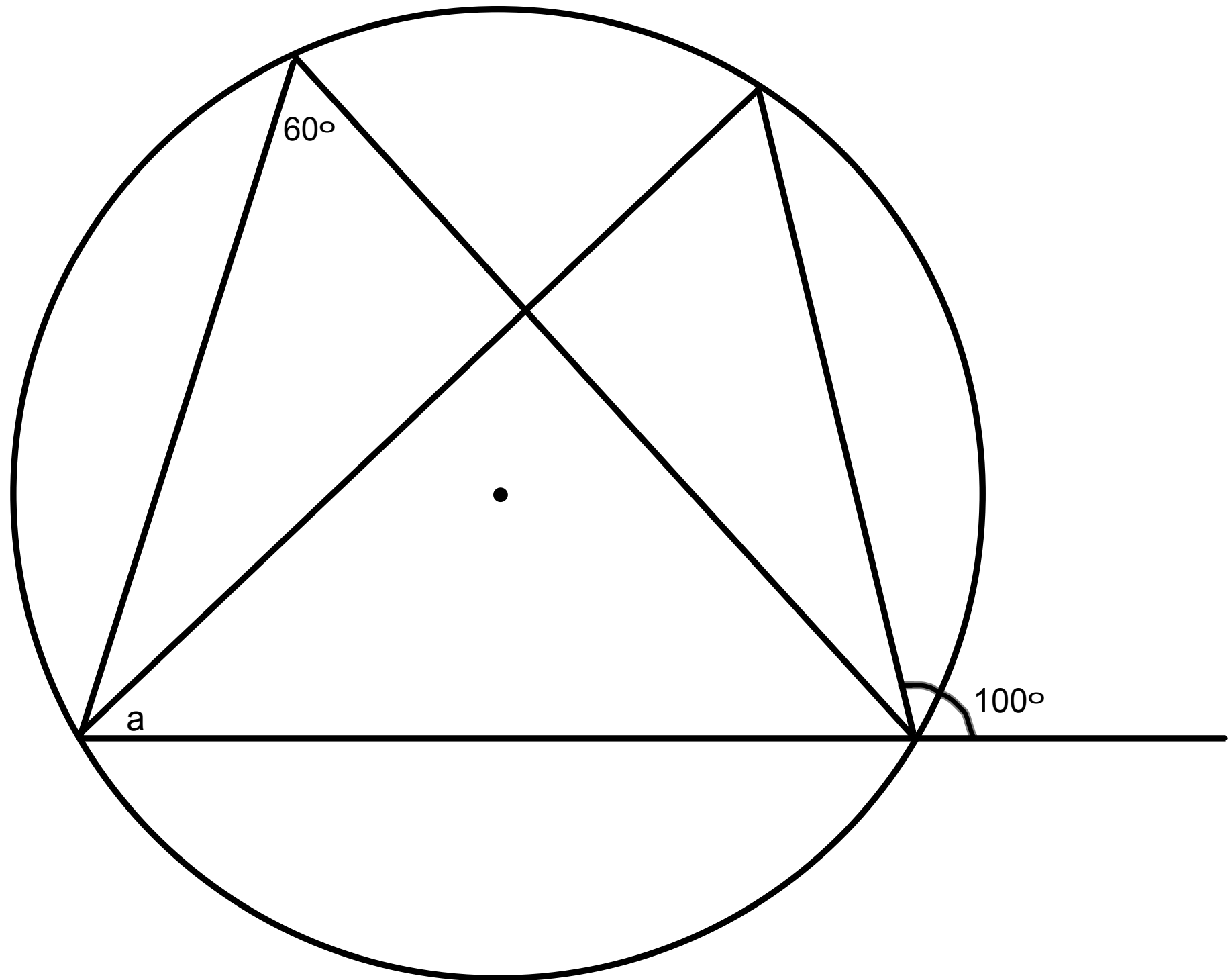
Circle Camp Question #11

Brain Buster.

Find angle a.

60°

a

100°

Circle Camp Question #12