

S4E-55A

1. (a) 90°
(b) $a = 18^\circ, b = 72^\circ$
2. (a) $\angle OBC = a$
 $\angle ACB = 90^\circ - a$
(b) Yes
3. 13 cm
4. (a) Omitted
(b) 22.5°
5. $a = 65^\circ, b = 10^\circ$
6. (a) 45°
(b) 90°
7. Omitted
8. Omitted

M.C.

1. D
2. C
3. B
4. B