



$$L_1 : L_2 = 7 : 11$$

$$7 + 11 = 18$$

$$90 : 18 = 5^\circ$$

$$L_1 = 5 \cdot 7 = 35^\circ$$

$$L_2 = 5 \cdot 11 = 55^\circ$$

$$\angle BOC = 180 - 2 \cdot L_1 = 180 - 35 \cdot 2 = 110^\circ$$