

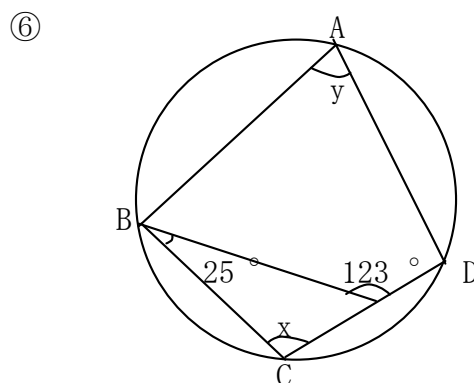
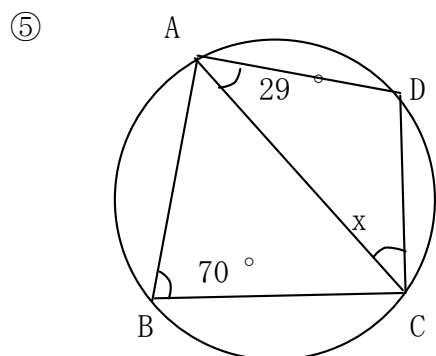
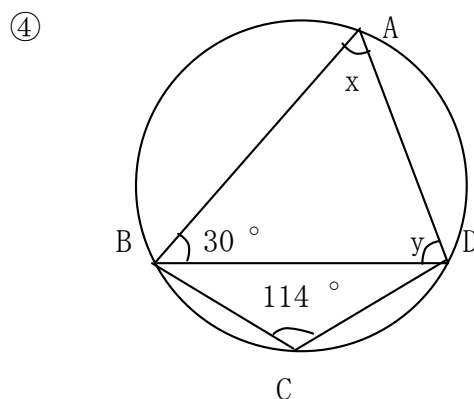
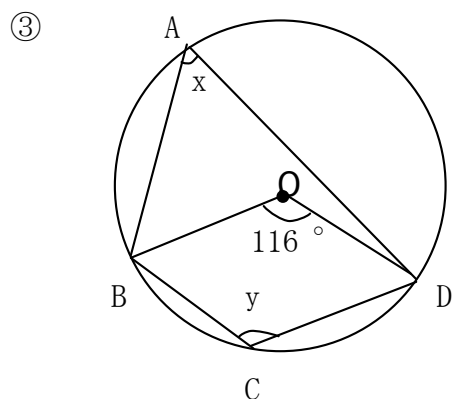
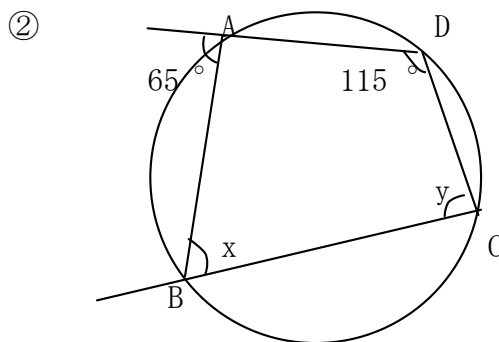
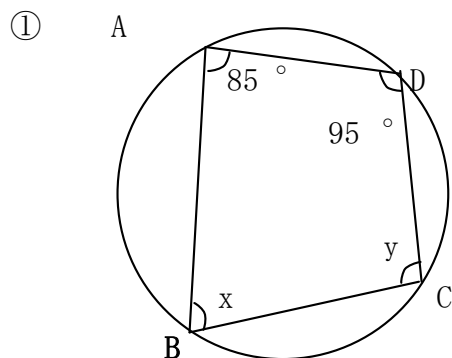
円に内接する四角形

NO 1

名前

6 点

1 次の四角形ABCDは、どれも円に内接している。∠x, ∠yの大きさを求めなさい。



解答

$$\textcircled{1} \quad x \quad 180 - 95 = 85^\circ$$

$$y \quad 180 - 85 = 95^\circ$$

$$\textcircled{2} \quad x \quad 180 - 115 = 65^\circ$$

$$y \quad 65^\circ$$

$$\textcircled{3} \quad x \quad 116 \div 2 = 58^\circ$$

$$y \quad 180 - 58 = 122^\circ$$

$$\textcircled{4} \quad x \quad 180 - 114 = 66^\circ$$

$$y \quad 180 - (30 + 66) = 84^\circ$$

$$\textcircled{5} \quad \angle ADC \quad 180 - 70 = 110^\circ$$

$$x \quad 180 - (110 + 29) = 41^\circ$$

$$\textcircled{6} \quad x \quad 123 - 25 = 98^\circ$$

$$y \quad 180 - 98 = 82^\circ$$