

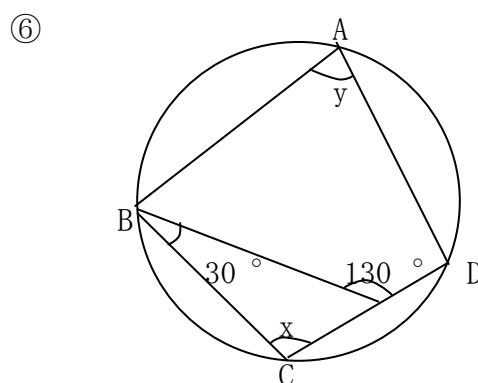
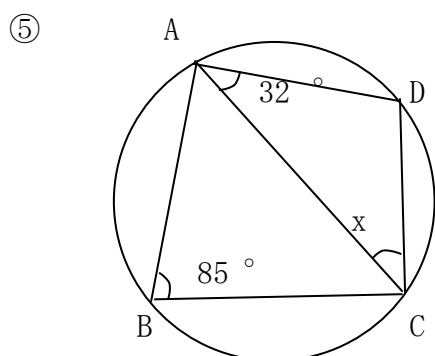
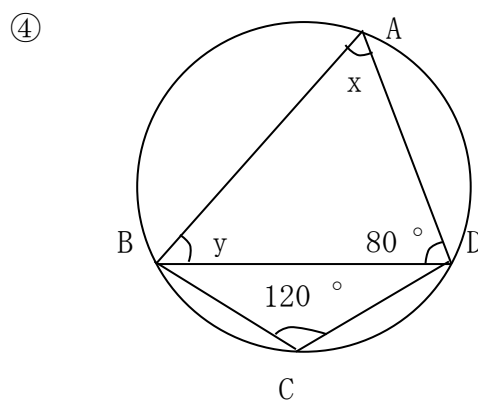
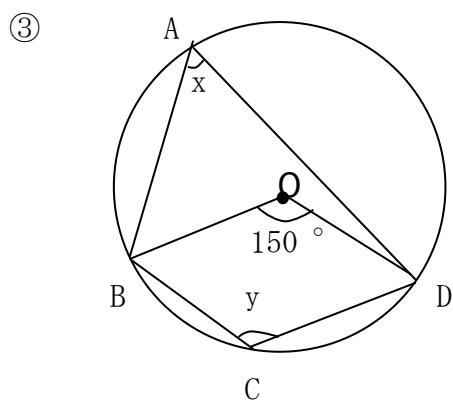
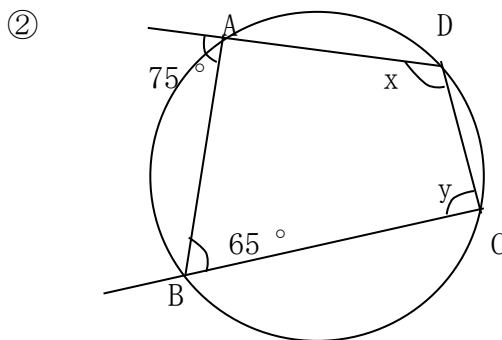
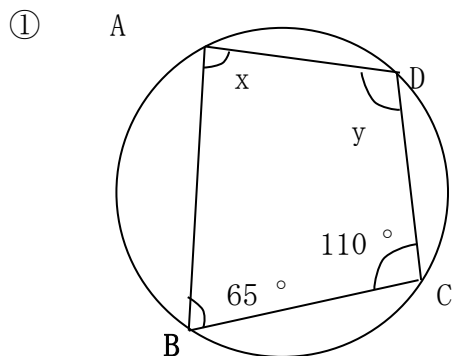
円に内接する四角形1

NO 2

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

$$\textcircled{1} \quad x \quad 180 - 110 = 70^\circ$$

$$y \quad 180 - 65 = 115^\circ$$

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

$$y \quad 75^\circ$$

$$\textcircled{3} \quad x \quad 150 \div 2 = 75^\circ$$

$$y \quad 180 - 75 = 105^\circ$$

$$\textcircled{4} \quad x \quad 180 - 120 = 60^\circ$$

$$y \quad 180 - (80 + 60) = 40^\circ$$

$$\textcircled{5} \quad \angle ADC \quad 180 - 85 = 95^\circ$$

$$x \quad 180 - (95 + 32) = 53^\circ$$

$$\textcircled{6} \quad x \quad 130 - 30 = 100^\circ$$

$$y \quad 180 - 100 = 80^\circ$$