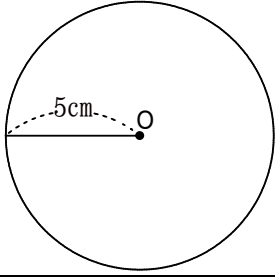
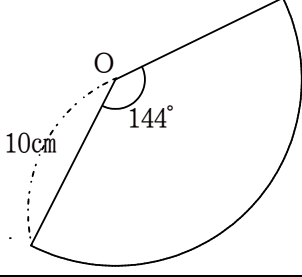
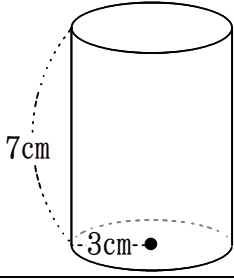
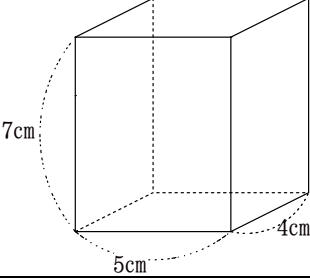
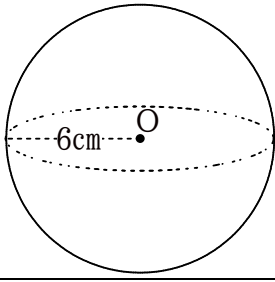
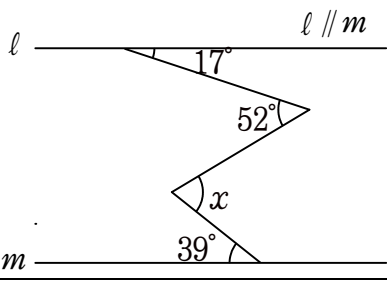
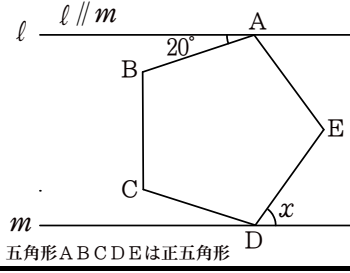
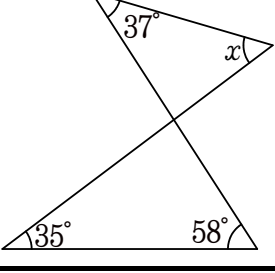
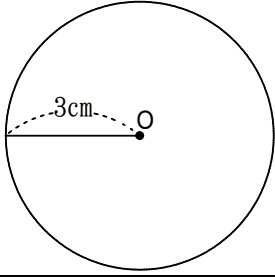
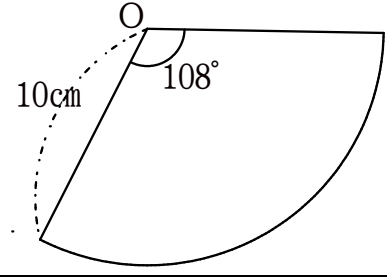
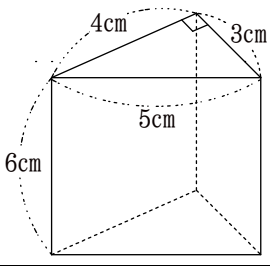
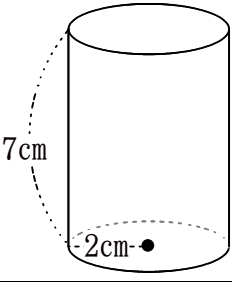
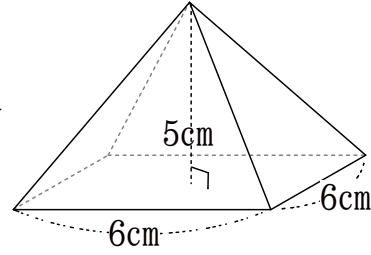
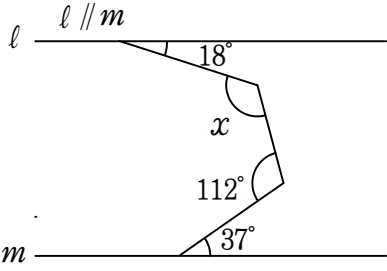
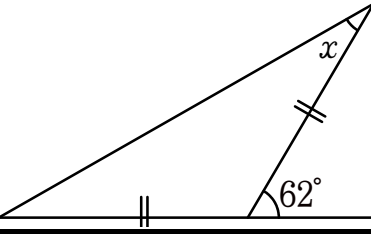
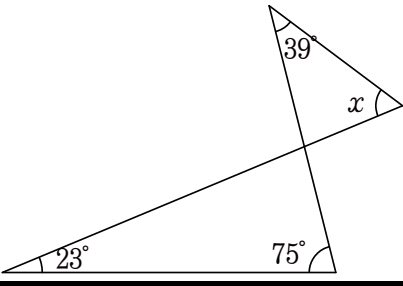
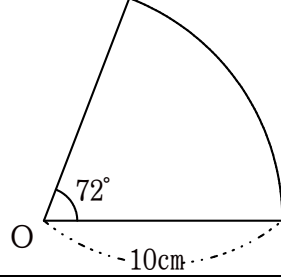
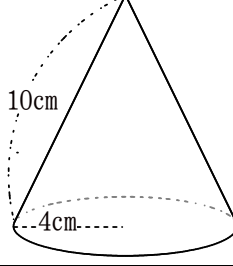
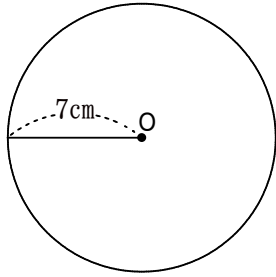
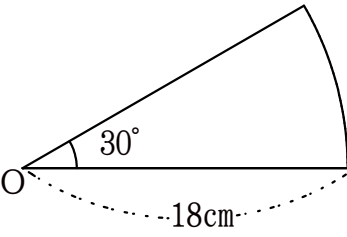
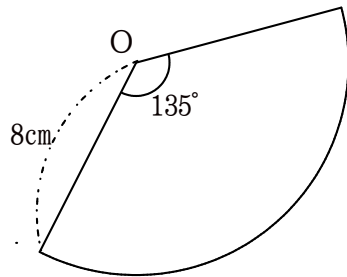
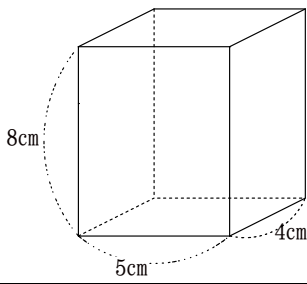
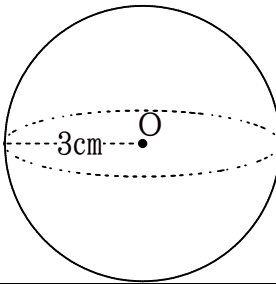
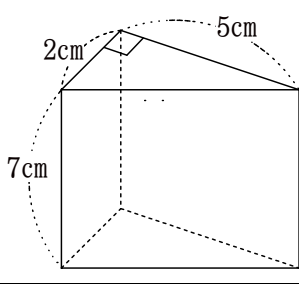
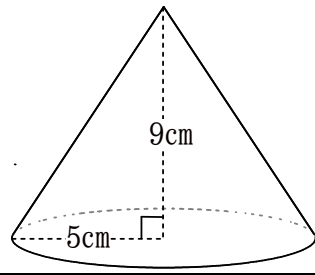
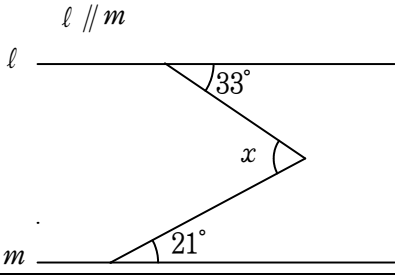
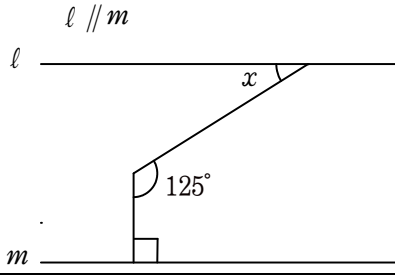
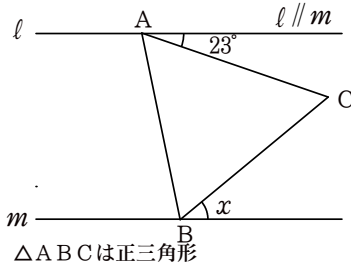
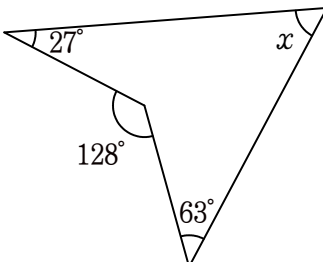


図形（2年「図形」後）○1	氏名
① 円の周・面積 $2\pi \times 5 = 10\pi(\text{cm})$ $\pi \times 5 \times 5 = 25\pi(\text{cm}^2)$ 	③ おうぎ形の面積 $\pi \times 10 \times 10 \times \frac{144}{360} = 40\pi(\text{cm}^2)$ 
④ 表面積 $\pi \times 3^2 \times 2 + 2\pi \times 3 \times 7$ $= 18\pi + 42\pi = 60\pi(\text{cm}^2)$ 	⑥ 体積 $4 \times 5 \times 7$ $= 140(\text{cm}^3)$ 
⑦ 体積 $\frac{4}{3}\pi \times 6 \times 6 \times 6$ $= 288\pi(\text{cm}^3)$ 	⑨ $\angle x$ の大きさ $\angle x = 74^\circ$ 
⑩ $\angle x$ の大きさ $\angle x = 56^\circ$  五角形ABCDEは正五角形	⑪ $\angle x$ の大きさ $\angle x = 124^\circ$ 

図形（2年「図形」後） 02	氏名
① 円の周・面積 $2\pi \times 3 = 6\pi(\text{cm})$ $\pi \times 3 \times 3 = 9\pi(\text{cm}^2)$ 	③ おうぎ形の面積 $\pi \times 10 \times 10 \times \frac{108}{360} = 30\pi(\text{cm}^2)$ 
④ 表面積 $4 \times 3 \times \frac{1}{2} \times 2 + (5 + 4 + 3) \times 6$ $= 12 + 36$ $= 48(\text{cm}^2)$ 	⑥ 体積 $\pi \times 2 \times 2 \times 7$ $= 28\pi(\text{cm}^3)$ 
⑦ 体積 $6 \times 6 \times 5 \times \frac{1}{3}$ $= 60(\text{cm}^3)$ 	⑨ $\angle x$ の大きさ $\angle x = 123^\circ$ 
⑩ $\angle x$ の大きさ $\angle x = 31^\circ$ 	⑫ $\angle x$ の大きさ $\angle x = 59^\circ$ 
② おうぎ形の弧の長さ $2\pi \times 10 \times \frac{72}{360} = 4\pi(\text{cm})$ 	⑤ 表面積 $\pi \times 4 \times 4 + \pi \times 10 \times 10 \times \frac{2\pi \times 4}{2\pi \times 10}$ $= 16\pi + 40\pi$ $= 56\pi(\text{cm}^2)$ 

図形（2年「図形」後） 03		氏名
① 円の周・面積 $2\pi \times 7 = 14\pi(\text{cm})$ $\pi \times 7 \times 7 = 49\pi(\text{cm}^2)$ 	② おうぎ形の弧の長さ $2\pi \times 18 \times \frac{30}{360} = 3\pi(\text{cm})$ 	③ おうぎ形の面積 $\pi \times 8 \times 8 \times \frac{135}{360} = 24\pi(\text{cm}^2)$ 
④ 表面積 $5 \times 4 \times 2 + (5 \times 2 + 4 \times 2) \times 8$ $= 40 + 144$ $= 184(\text{cm}^2)$ 	⑤ 表面積 $4\pi \times 3 \times 3 = 36\pi(\text{cm}^2)$ 	⑥ 体積 $5 \times 2 \times \frac{1}{2} \times 7$ $= 35(\text{cm}^3)$ 
⑦ 体積 $\pi \times 5 \times 5 \times 9 \times \frac{1}{3} = 75\pi(\text{cm}^3)$ 	⑧ $\angle x$ の大きさ $\angle x = 54^\circ$ 	⑨ $\angle x$ の大きさ $\angle x = 35^\circ$ 
⑩ $\angle x$ の大きさ $\angle x = 37^\circ$  $\triangle ABC$ は正三角形	⑪ $\angle x$ の大きさ $\angle x = 38^\circ$ 	⑫ $\angle x$ の大きさ $\angle x = 32^\circ$ 