

氏名 _____

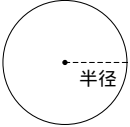
面積・体積（中学校の復習）

三角形の面積



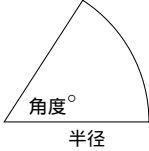
三角形の面積 = $\frac{1}{2} \times \text{底辺} \times \text{高さ}$

円の面積
円周の長さ



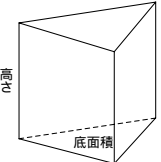
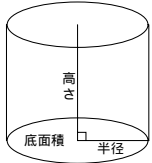
円周の長さ = $2\pi r = 2 \times \pi \times \text{半径}$
 円の面積 = $\pi r^2 = \pi \times \text{半径}^2$

おうぎ形の弧の長さ
おうぎ形の面積



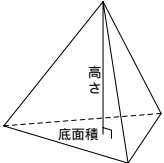
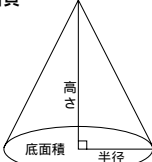
弧の長さ = 円周の長さ $\times \frac{\text{角度}^\circ}{360^\circ}$
 おうぎ形の面積 = 円の面積 $\times \frac{\text{角度}^\circ}{360^\circ}$

角柱・円柱の体積

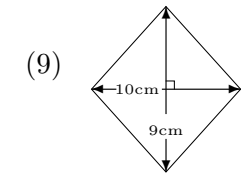
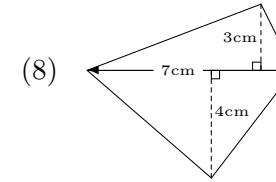
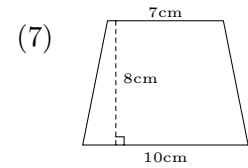
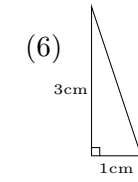
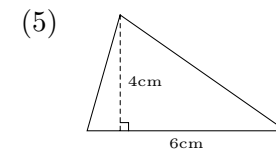
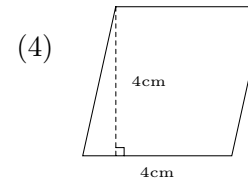
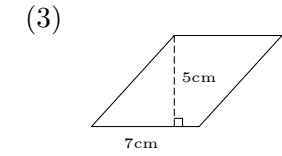
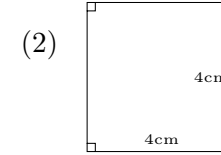
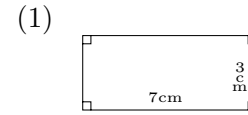
角柱・円柱の体積 = 底面積 \times 高さ

角すい・円すいの体積

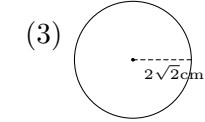
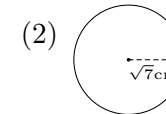
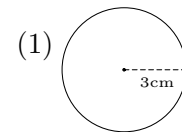



(角すい・円すい) の体積 = $\frac{1}{3} \times \text{底面積} \times \text{高さ}$

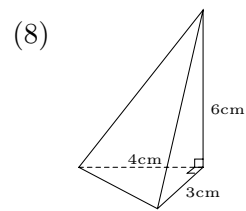
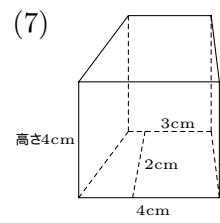
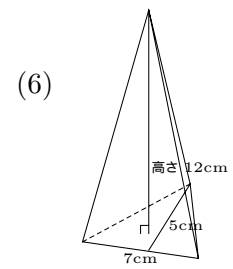
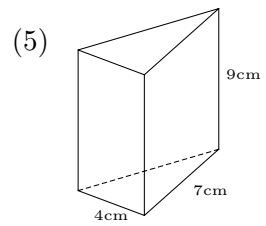
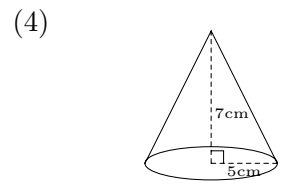
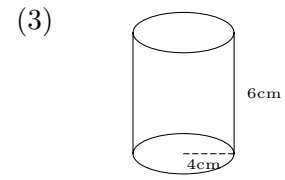
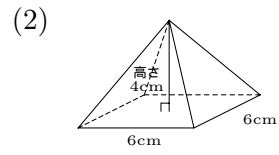
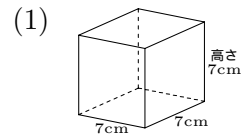
1 次の図形の面積を求めなさい。



2 次の円の面積と円周の長さを求めなさい。ただし円周率は π とする。



3 次の立体の体積を求めなさい。ただし円周率は π とする。



4 次のおうぎ形の面積と弧の長さを求めなさい。ただし円周率は π とする。

