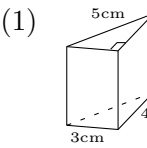


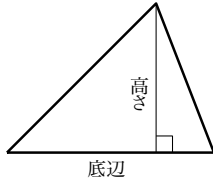
氏名 _____

1 次の立体の

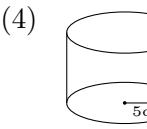


■ 面積・体積 (中学校の復習)

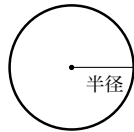
■ 三角形の面積



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



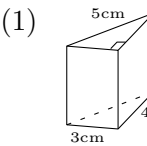
- 円の面積
- 円周の長さ



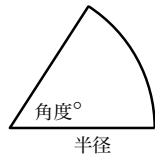
$$\text{円周の長さ} = 2 \times \pi \times \text{半径}$$

$$\text{円の面積} = \pi \times \text{半径}^2$$

2 次の立体の

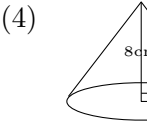


- おうぎ形の弧の長さ
- おうぎ形の面積

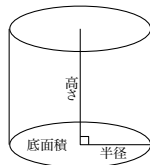
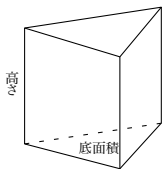


$$\text{弧の長さ} = \text{円周の長さ} \times \frac{\text{角度}^\circ}{360^\circ}$$

$$\text{おうぎ形の面積} = \text{円の面積} \times \frac{\text{角度}^\circ}{360^\circ}$$



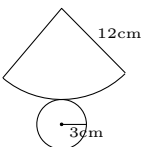
■ 角柱・円柱の体積



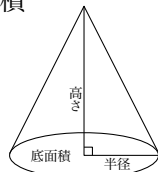
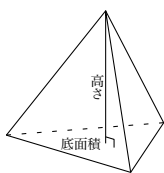
$$\text{角柱・円柱の体積} = \text{底面積} \times \text{高さ}$$

3 展開図が

(1) 側面の



■ 角すい・円すいの体積



$$\left(\begin{array}{l} \text{角すい・円すい} \\ \text{の体積} \end{array} \right) = \frac{1}{3} \times \text{底面積} \times \text{高さ}$$