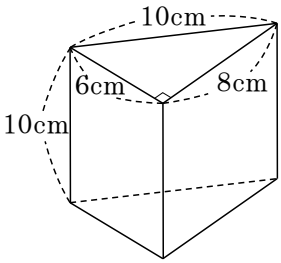
第６章空間図形
２節立体の体積と表面積
２立体の表面積_解答

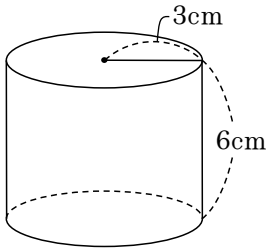
1 次の立体の表面積を求めなさい。ただし，円周率はπとする。

⑴三角柱



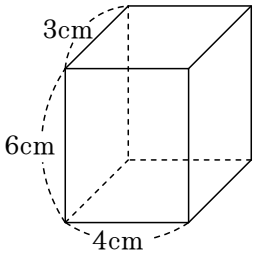
288 cm^2

⑵円柱



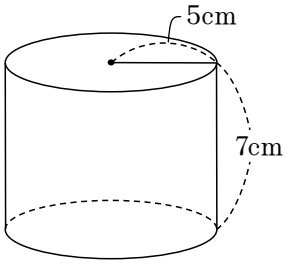
54π cm^2

⑶直方体



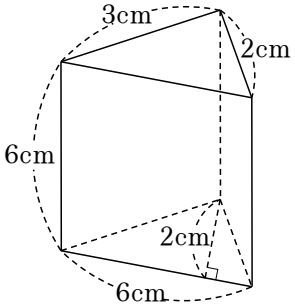
108 cm^2

⑷円柱



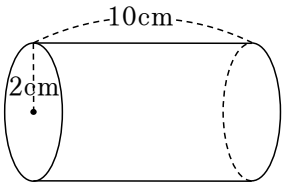
120π cm^2

⑸三角柱



78 cm^2

⑹円柱



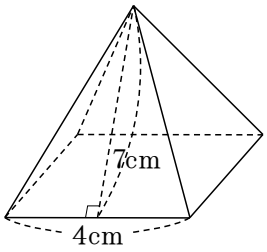
48π cm^2

第６章空間図形
２節立体の体積と表面積
２立体の表面積_解答

進学塾良 SHINGAKUJUKU RYO

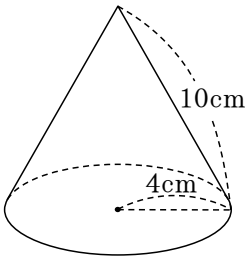
2 次の立体の表面積を求めなさい。ただし，円周率は π とする。

(1)正四角錐



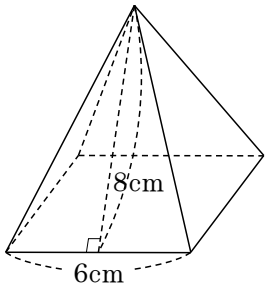
72 cm^2

(2)円錐



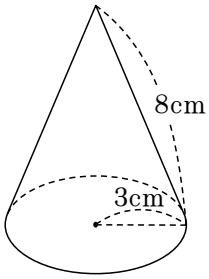
56π cm^2

(3)正四角錐



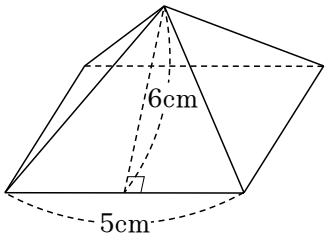
132 cm^2

(4)円錐



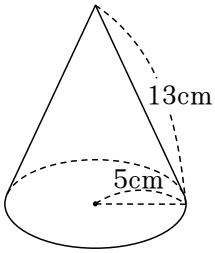
33π cm^2

(5)正四角錐



85 cm^2

(6)円錐

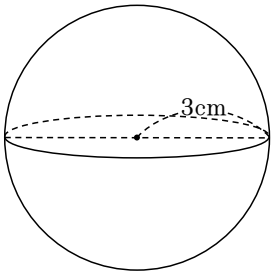


90π cm^2

進学塾良
SHINGAKUJUKU RYO

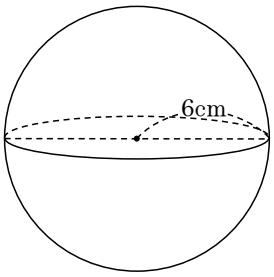
3 次の立体の表面積を求めなさい。ただし，円周率はπとする。

(1)球



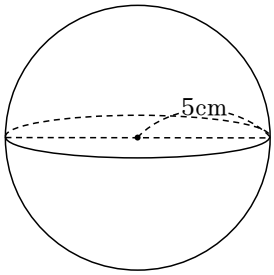
36π cm^2

(2)球



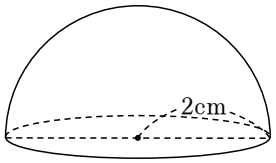
144π cm^2

(3)球



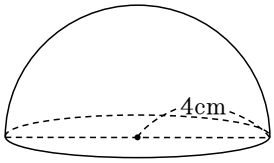
100π cm^2

(4)半球



12π cm^2

(5)半球



48π cm^2

(6)直径 14cm の球の体積

147π cm^2