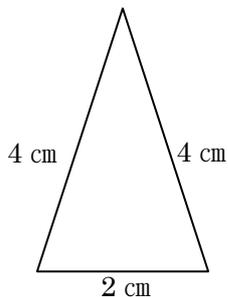


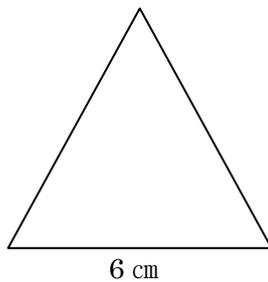
## 9-7-2 三平方の定理と面積

例1 次の三角形の面積を求めなさい。

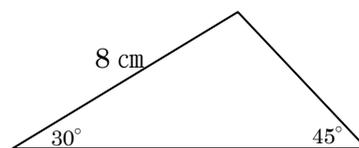
① 二等辺三角形



② 正三角形

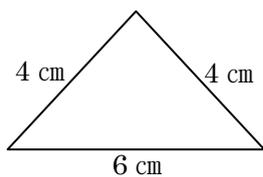


③

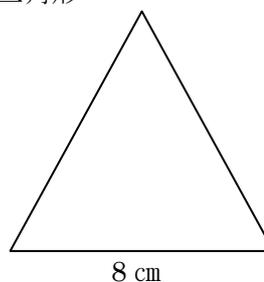


1 次の三角形の面積を求めなさい。

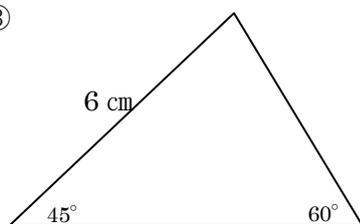
① 二等辺三角形



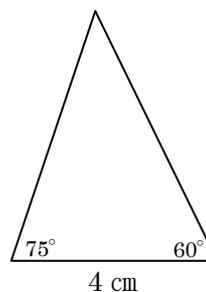
② 正三角形



③

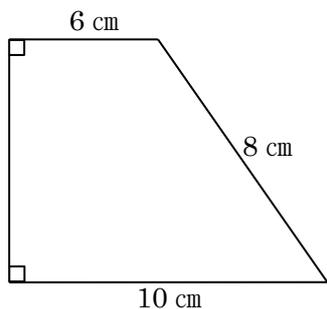


④

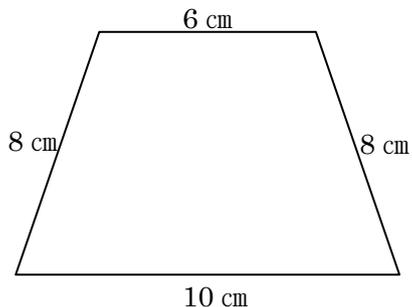


例2 次の図形の面積を求めなさい。

① 台形

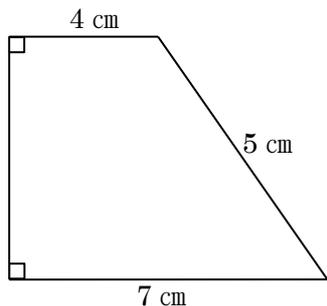


② 等脚台形

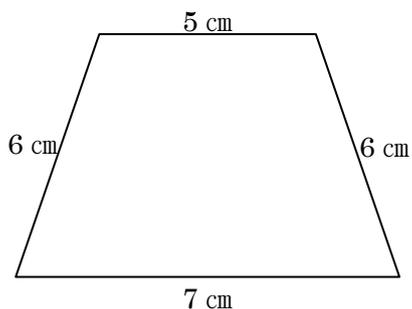


2 次の図形の面積を求めなさい。

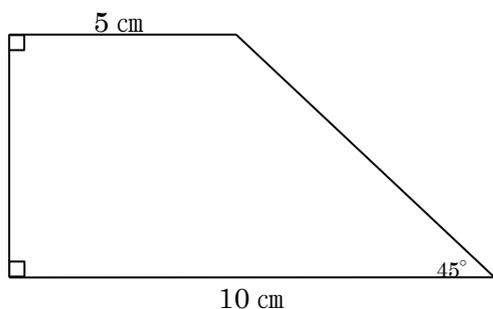
① 台形



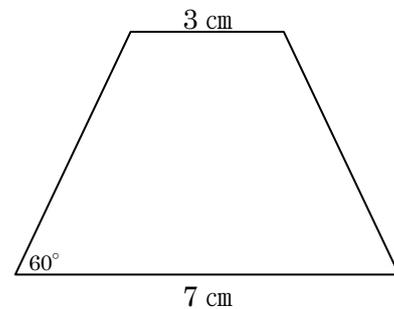
② 等脚台形



③ 台形



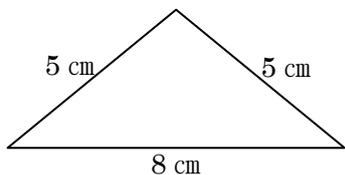
④ 等脚台形



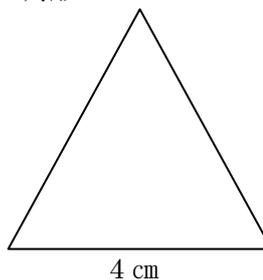
# 宿題

1 次の図形の面積を求めなさい。

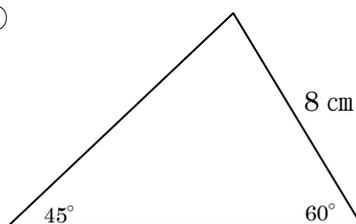
① 二等辺三角形



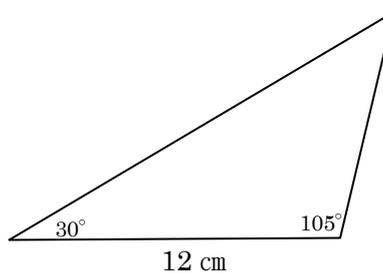
② 正三角形



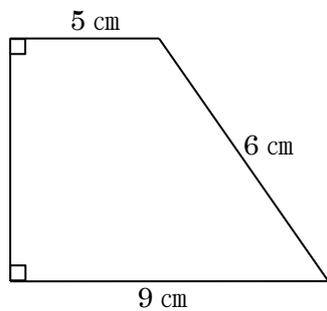
③



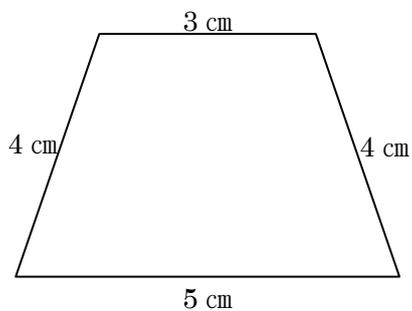
④



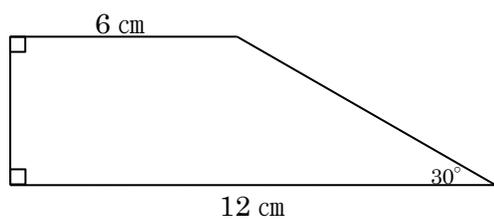
⑤ 台形



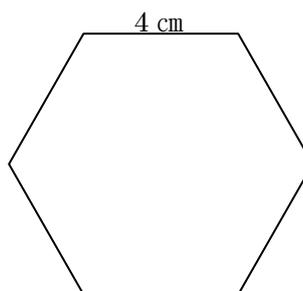
⑥ 等脚台形



⑦ 台形



⑧ 正六角形



## 宿題解答

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①

- ①  $12 \text{ cm}^2$       ②  $4\sqrt{3} \text{ cm}^2$       ③  $(8\sqrt{3} + 24) \text{ cm}^2$       ④  $(18\sqrt{3} + 18) \text{ cm}^2$   
⑤  $14\sqrt{5} \text{ cm}^2$       ⑥  $4\sqrt{15} \text{ cm}^2$       ⑦  $18\sqrt{3} \text{ cm}^2$       ⑧  $24\sqrt{3} \text{ cm}^2$