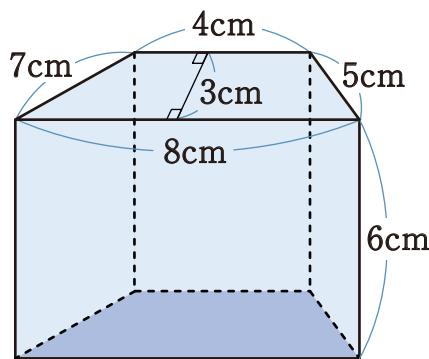
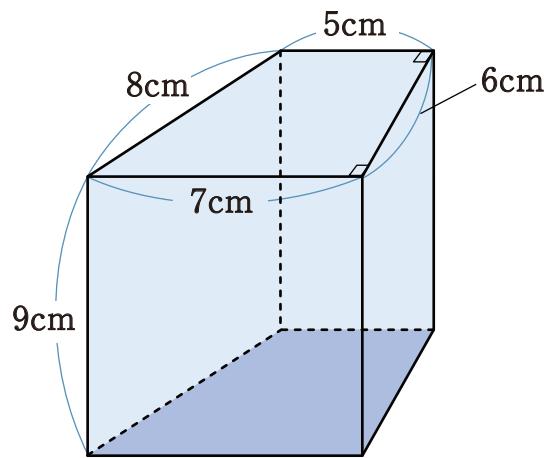


1 次の図形の表面積を求めなさい。

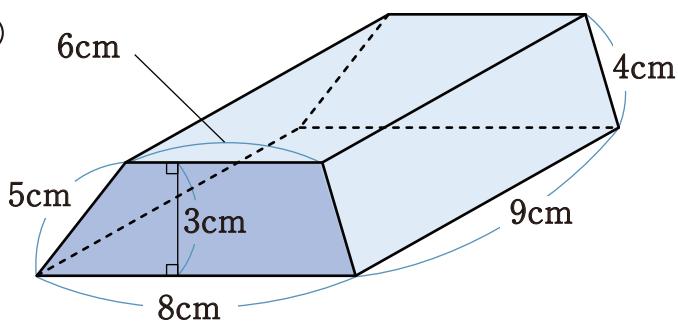
①



②

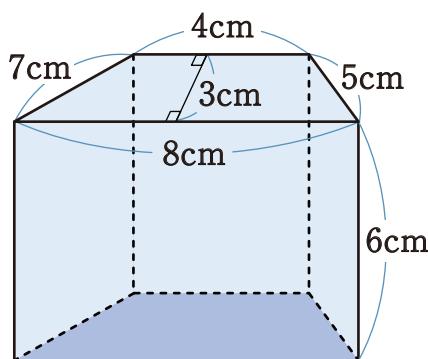


③



## 1 次の図形の表面積を求めなさい。

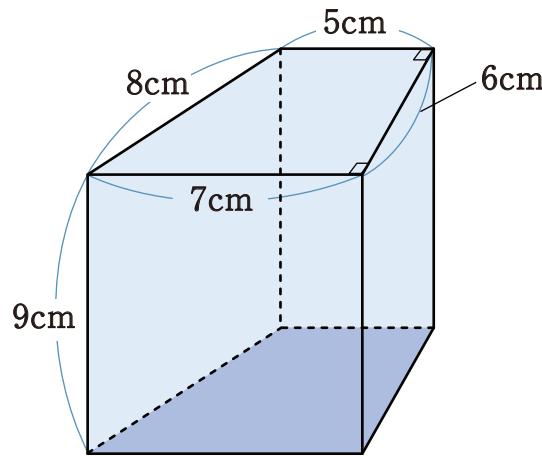
①

 $180\text{cm}^2$ 側面積は  $6 \times (8 + 7 + 4 + 5) = 144\text{cm}^2$ 底面積は  $(4 + 8) \times 3 \times \frac{1}{2} = 18\text{cm}^2$ 表面積は  $144 + 18 \times 2 = 180\text{cm}^2$ 

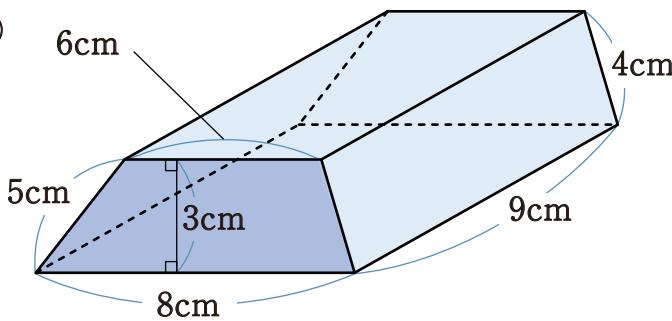
※台形の面積は

$$(上底 + 下底) \times 高さ \times \frac{1}{2}$$

②

 $306\text{cm}^2$ 側面積は  $9 \times (8 + 7 + 6 + 5) = 234\text{cm}^2$ 底面積は  $(5 + 7) \times 6 \times \frac{1}{2} = 36\text{cm}^2$ 表面積は  $234 + 36 \times 2 = 306\text{cm}^2$ 

③

 $249\text{cm}^2$ 側面積は  $9 \times (6 + 5 + 8 + 4) = 207\text{cm}^2$ 底面積は  $(6 + 8) \times 3 \times \frac{1}{2} = 21\text{cm}^2$ 表面積は  $207 + 21 \times 2 = 249\text{cm}^2$