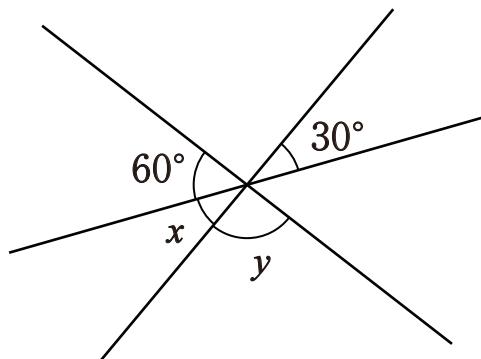
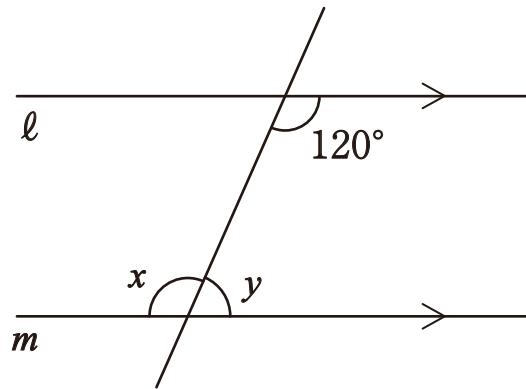


1 次の図の $\angle x$, $\angle y$ の大きさを求めなさい。

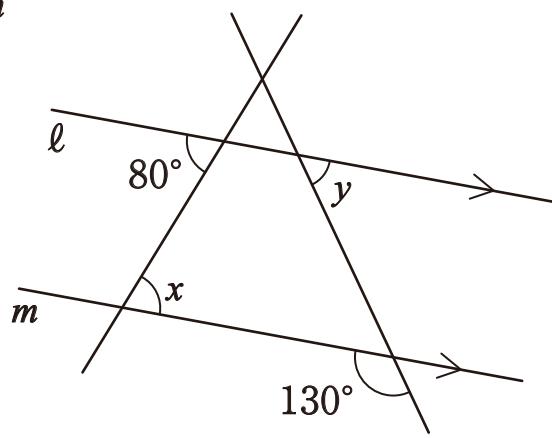
①



② $\ell \parallel m$

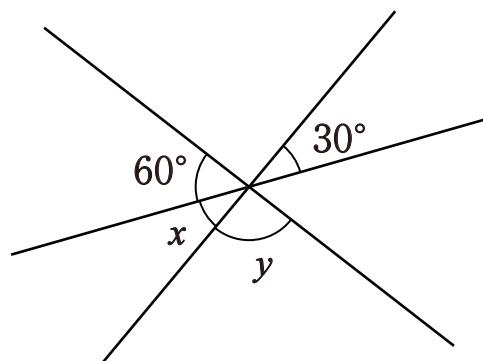


③ $\ell \parallel m$



- 1 次の図の $\angle x$, $\angle y$ の大きさを求めなさい。

①



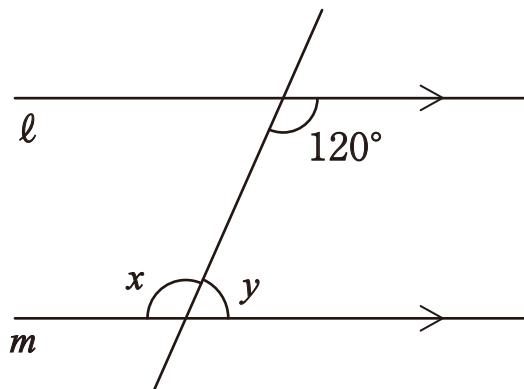
$$\angle x = 30^\circ$$

$$\angle y = 90^\circ$$

対頂角は等しいので

$$\angle x = 30^\circ$$

$$\angle y = 180^\circ - (60^\circ + 30^\circ) = 90^\circ$$

② $\ell \parallel m$ 

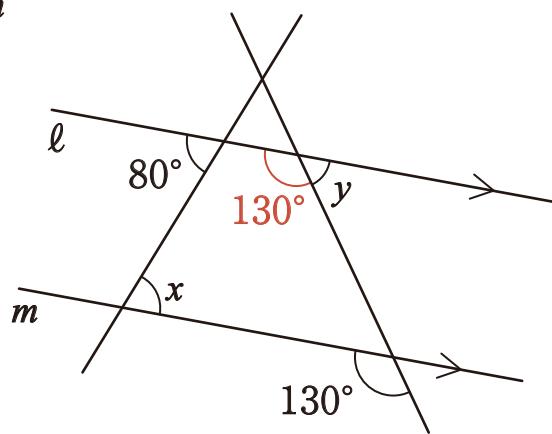
$$\angle x = 120^\circ$$

$$\angle y = 60^\circ$$

平行線の錯角は等しいので

$$\angle x = 120^\circ$$

$$\angle y = 180^\circ - 120^\circ = 60^\circ$$

③ $\ell \parallel m$ 

$$\angle x = 80^\circ$$

$$\angle y = 50^\circ$$

平行線の錯角は等しいので

$$\angle x = 80^\circ$$

$$\angle y = 180^\circ - 130^\circ = 50^\circ$$