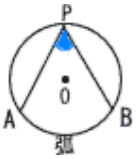


円周角



$\angle AOB$ は、 $\widehat{AB}$ に  
対する円周角

円周角の定理①

☆ 円周角は、中心角の半分  
 $\angle APB$  (円周角)  
 $= \frac{1}{2} \angle AOB$  (中心角)

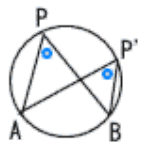
$0 < \text{円周角} < 180^\circ$



円周角の定理②

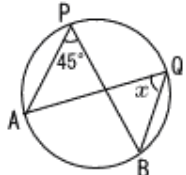
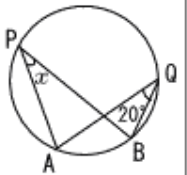
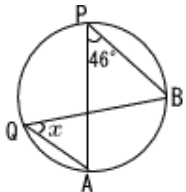
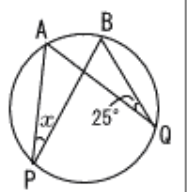
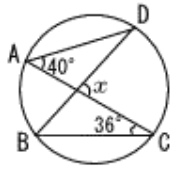
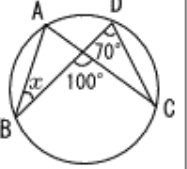
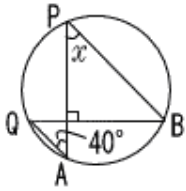
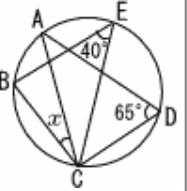
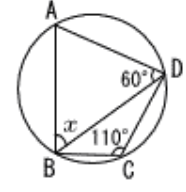
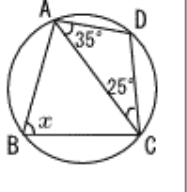
☆ 同じ弧に対する  
円周角は等しい

$\angle APB = \angle AP'B$   
(ともに $\widehat{AB}$ に対する円周角)



印刷して、紙の上でやってネ!

😊  $\angle x$ の大きさを求めなさい。

1		2	
$\angle x =$		$\angle x =$	
3		4	
$\angle x =$		$\angle x =$	
5		6	
$\angle x =$		$\angle x =$	
7		8	
$\angle x =$		$\angle x =$	
9		10	
$\angle x =$		$\angle x =$	