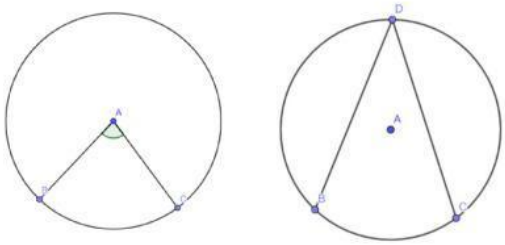
LKPD MATEMATIKA KELAS VIII

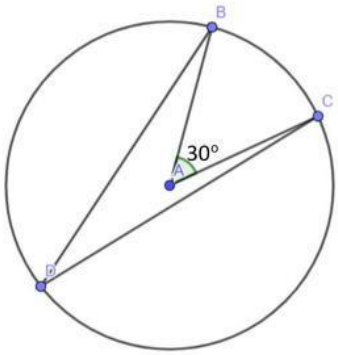
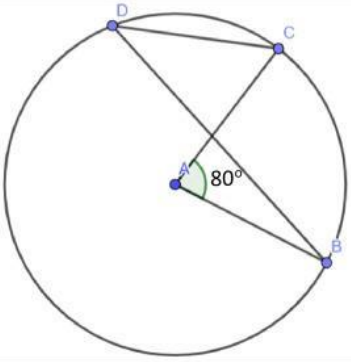
Sudut Pusat dan Sudut Keliling Lingkaran

1. Sudut Pusat adalah ...
2. Sudut Keliling adalah ...

Perhatikan gambar di samping.



3. Sudut BAC adalah sudut ...
4. Sudut DAC adalah sudut ...
5. Ukurlah sudut berikut menggunakan busur derajat.

No.	Gambar	Sudut BDC	Sudut BAC	$2\ x\ sudut\ BDC$
1.		...°	...°	...°
2.		...°	...°	...°

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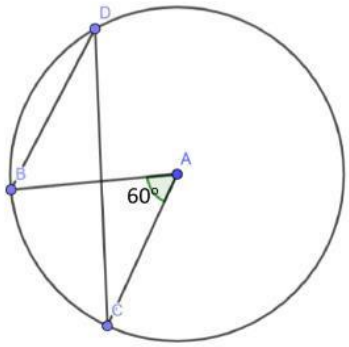
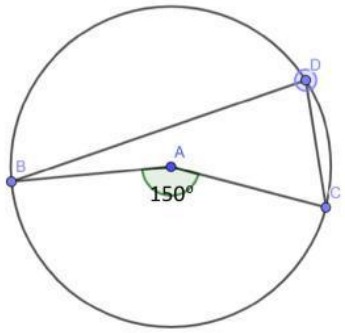
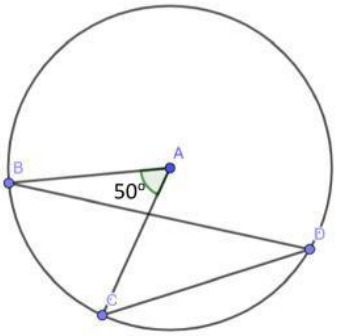
3.		...°	...°	...°
4.		...°	...°	...°
5.		...°	...°	...°

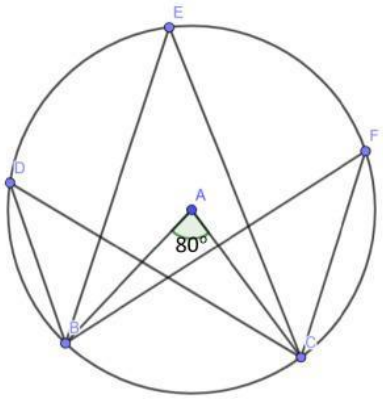
Apakah sudut BAC = 2 x sudut BDC?

Kesimpulan :

Sudut Pusat = ... x sudut Keliling

Sudut Keliling = ... x sudut Pusat.

6. Perhatikan gambar di bawah ini.



Tentukan :

a. Sudut BDC : ...°
b. Sudut BEC : ...°
c. Sudut BFC : ...°

Kesimpulan :

Sudut Keliling yang menghadap busur yang sama, maka besarnya ...

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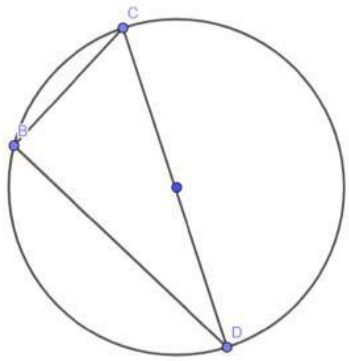
7. Besar sudut COD = ...°
   Besar sudut CBD = ...°



Kesimpulan :
Sudut keliling yang menghadap diameter maka besarnya ...

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