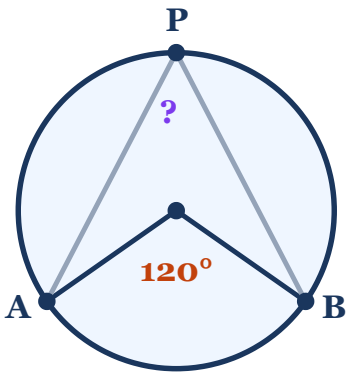
WERKKAART

Naam: _____ Klas: _____

Datum: _____ PUNT ____ / 15

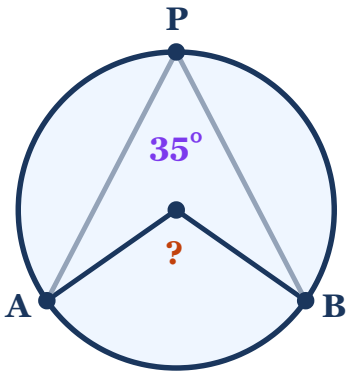
Beantwoord al die vrae. Toon al jou bewerkings — punte word vir die metode sowel as vir die finale antwoord toegeken.

1 'n Boog onderspan 120° by die middelpunt. Omtrekshoek? *(middelpunt/omtrek)* (2)



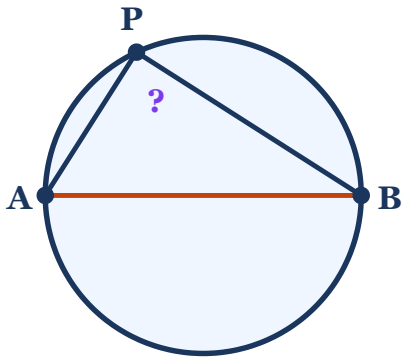
O is die middelpunt

2 Die omtrekshoek is 35°. Middelpuntshoek (dieselfde boog)? *(middelpunt/omtrek)* (2)



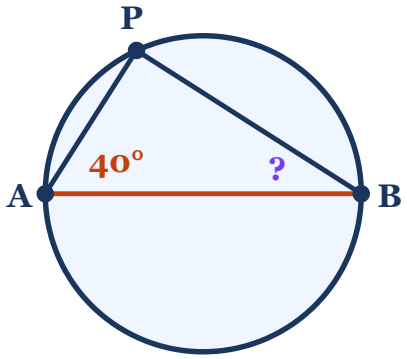
O is die middelpunt

3 AB is 'n middellyn, P op die sirkel. Wat is $A\hat{P}B$? *(halwe sirkel)* (1)



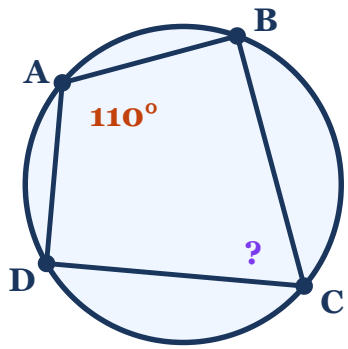
AB is 'n middellyn

4 In 'n halwe sirkel is $P\hat{A}B = 40°$. Bepaal $A\hat{B}P$. *(halwe sirkel)* (2)



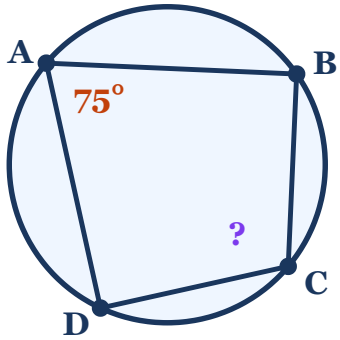
AB is 'n middellyn

5 'n Hoek van 'n koordevierhoek is 110°. Teenoorstaande hoek? *(koordevierhoek)* (1)



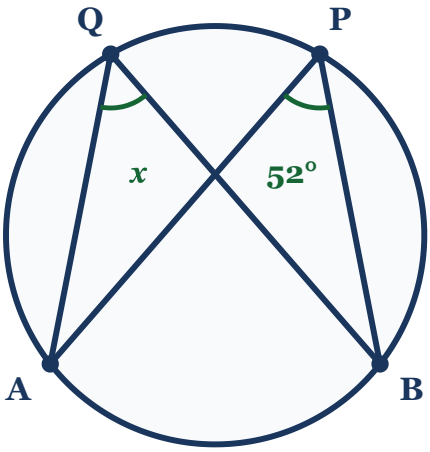
ABCD is 'n koordevierhoek

6 'n Hoek van 'n koordevierhoek is 75°. Teenoorstaande hoek? *(koordevierhoek)* (1)

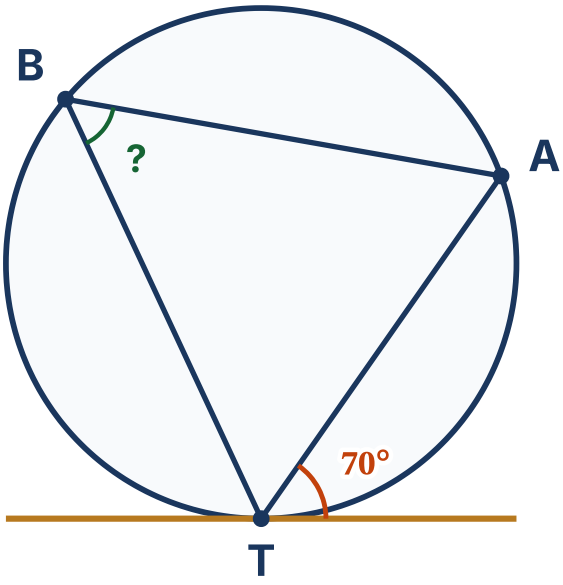


ABCD is 'n koordevierhoek

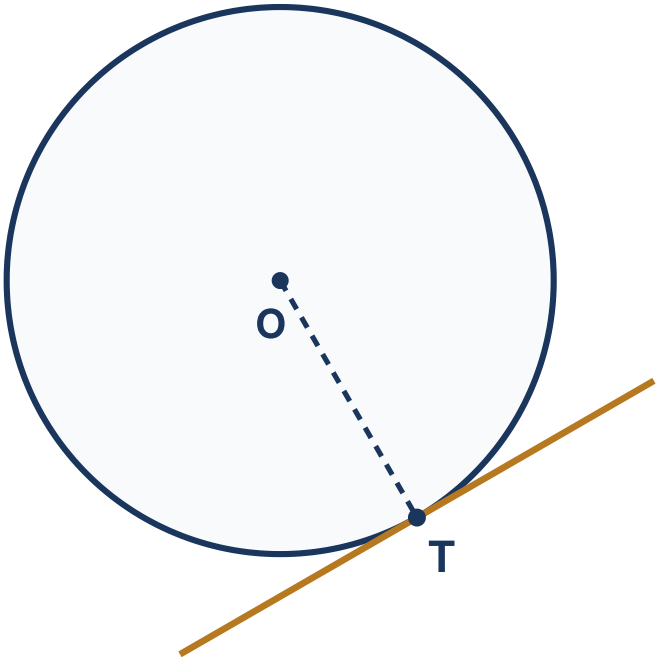
7 Twee hoeke staan op dieselfde boog; een is $52°$. Die ander? *(dieselfde segment)* **(1)**



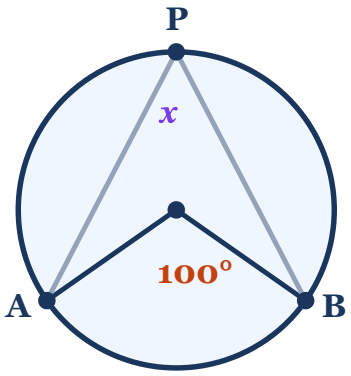
8 Raaklyn–koord-hoek is $70°$. Hoek in die teenoorstaande segment? *(raaklyn–koord)* **(2)**



9 'n Raaklyn ontmoet 'n radius by die raakpunt. Wat is die hoek? *(raaklyn–radius)* (1)



10 Middelpuntshoek $= 2x$ en is gelyk aan $100°$. Bepaal x, die omtrekshoek. *(los op)* (2)



O is die middelpunt

TOTAAL: 15 punte

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