

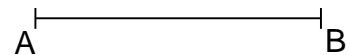
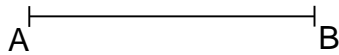
Zusatzaufgaben

Aufgabe 1 a) Konstruiere alle Punkte, von welchen aus man die Strecke AB unter einem Winkel sehen kann, der mindestens 45° aber höchstens 110° beträgt.

b) Konstruiere alle Punkte von welchen aus man die Strecke AB unter einem Winkel sehen kann, der mindestens 50° aber höchstens 90° beträgt. Die Punkte sollen ausserdem näher bei A liegen als bei B.

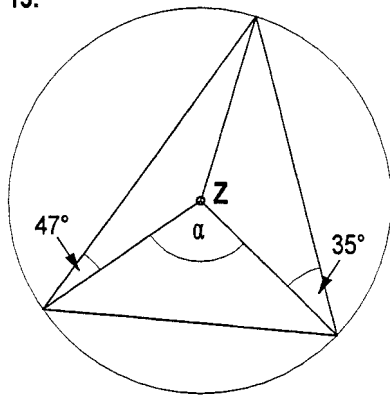
a)

b)



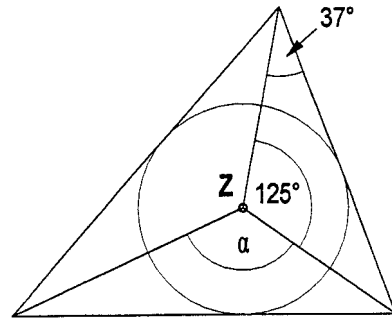
Aufgabe 2 Konstruiere ein Dreieck aus $c = 72 \text{ mm}$, $s_c = 58 \text{ mm}$ und $\gamma = 50^\circ$.

15.



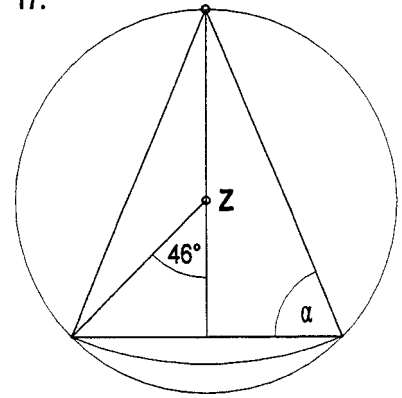
$\alpha = \underline{\hspace{2cm}}$

16.



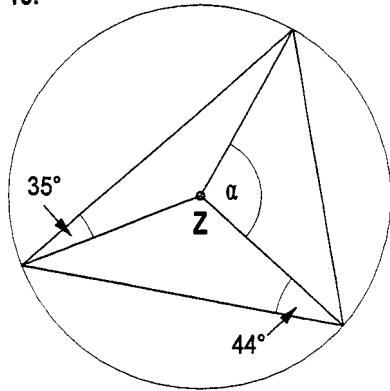
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17.



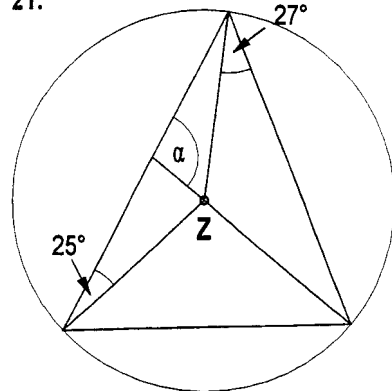
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18.



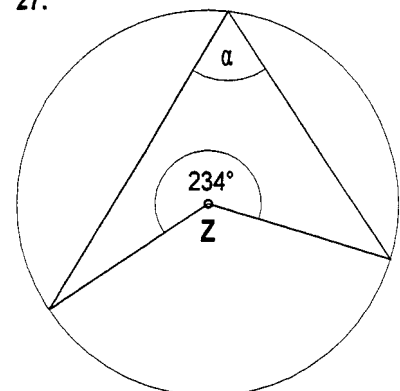
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21.



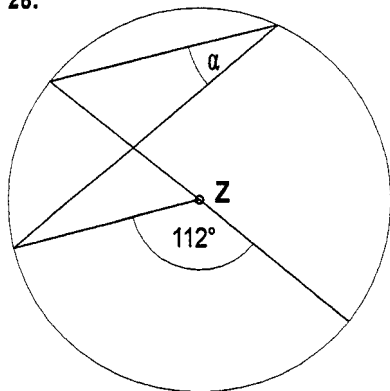
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27.



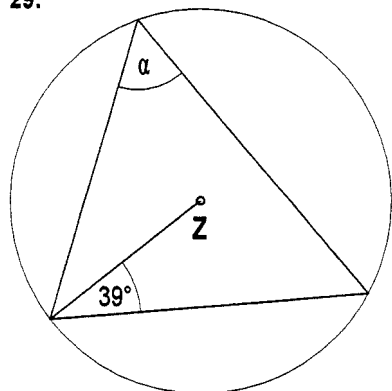
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28.



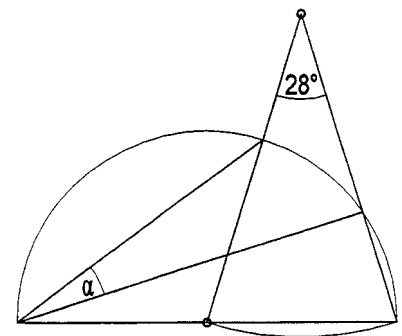
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29.



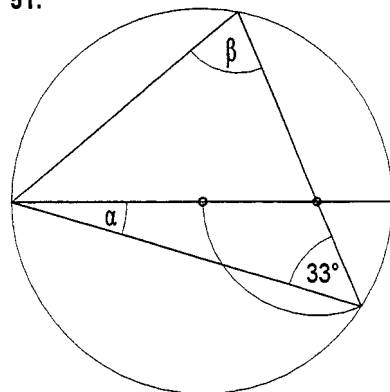
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50.



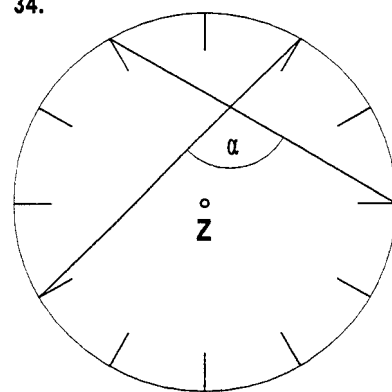
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51.



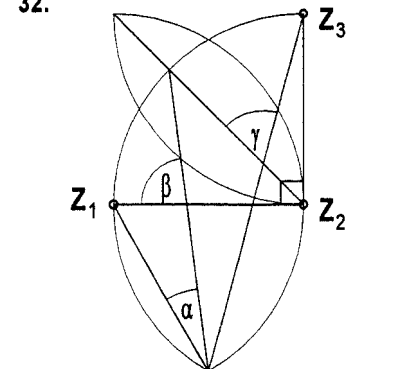
$\alpha = \underline{\hspace{2cm}} \quad \beta = \underline{\hspace{2cm}}$

34.



$\alpha = \underline{\hspace{2cm}}$

32.



$\alpha = \underline{\hspace{2cm}} \quad \beta = \underline{\hspace{2cm}} \quad \gamma = \underline{\hspace{2cm}}$