WERKKAART

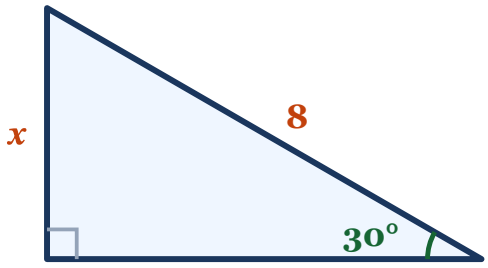
Naam: ..... Klas: .....

Datum: .....

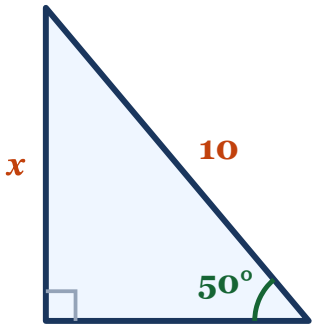
PUNT ____ / 21

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

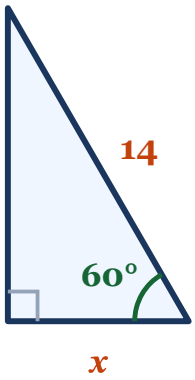
1 Bepaal x teenoor 'n hoek van $30°$, skuinssy 8. *(sinus)* (2)



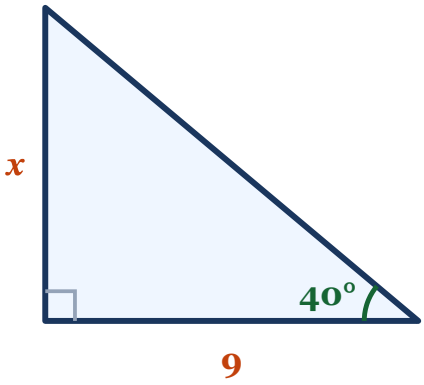
2 Bepaal x teenoor 'n hoek van $50°$, skuinssy 10. *(sinus)* (2)



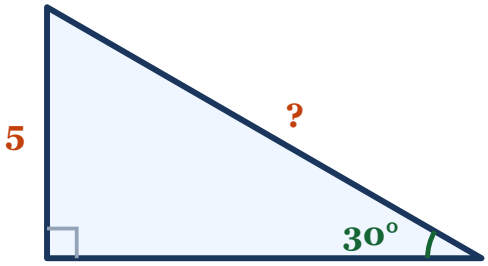
3 Bepaal x aangrensend aan 'n hoek van $60°$, skuinssy 14. *(cosinus)* (2)



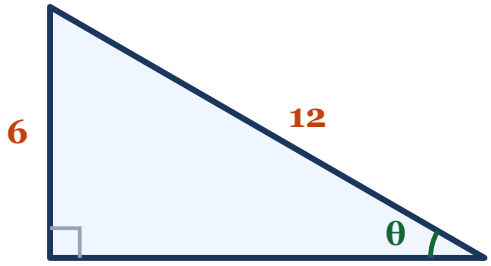
4 Bepaal x teenoor 'n hoek van $40°$, aangrensende sy 9. *(tangens)* (2)



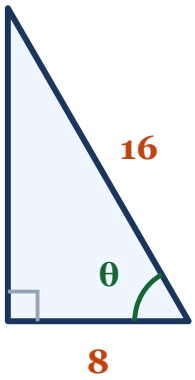
5 Die sy teenoor 'n hoek van $30°$ is 5. Bepaal die skuinssy. *(skuinssy)* (2)



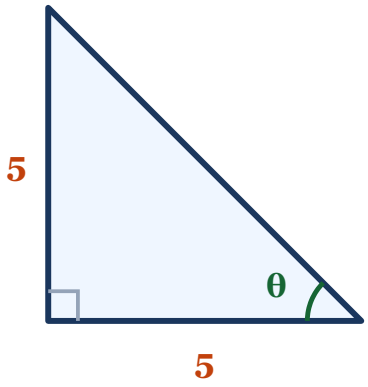
6 teenoorstaande = 6, skuinssy = 12. Bepaal θ. *(hoek)* (2)



7 aangrensende = 8, skuinssy = 16. Bepaal θ. *(hoek)* (2)



8 teenoorstaande $= 5$, aangrensende $= 5$. Bepaal θ. *(hoek)* (2)



9 Gee die presiese waarde van $\sin 30°$ en $\tan 45°$. *(spesiaal)* (2)

10 'n Tou na die bopunt van 'n paal van 6 m maak $40°$ met die grond. Lengte van die tou? *(toepassing)* (3)

TOTAAL: 21 punte

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