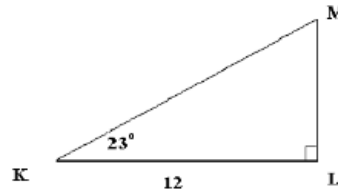
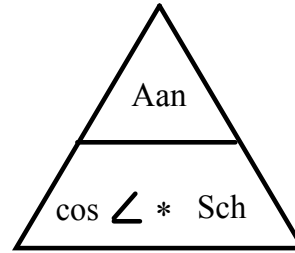
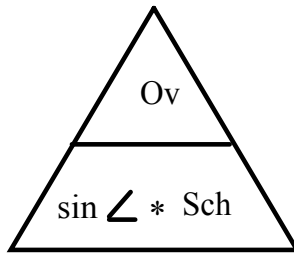
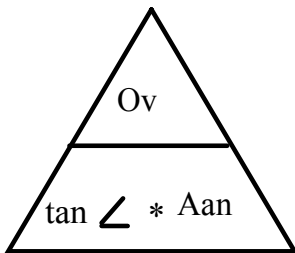


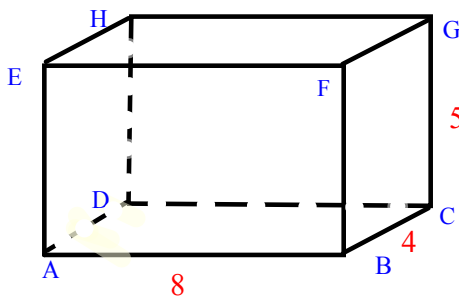
1. Bereken van de driehoek KLM de lengte van zijde LM.



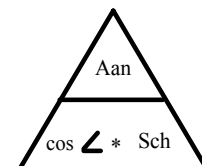
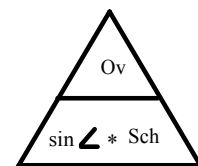
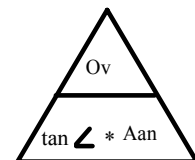
Standaard opgave ML is uit te rekenen $ML (ov) = \tan K * KL (aanl) = 5,09$



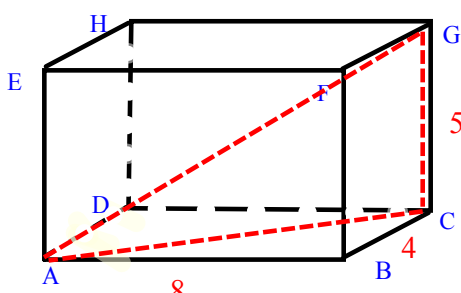
apr 10-20:57



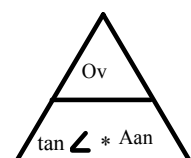
Hoe groot is hoek CAG ?

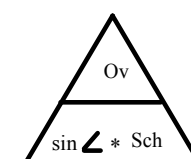


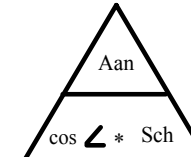
apr 10-20:57



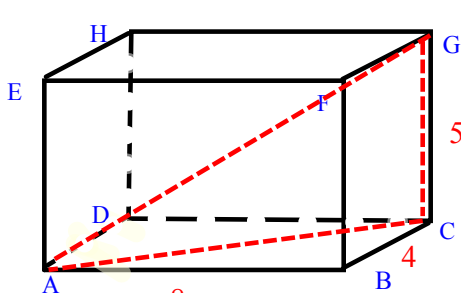
Hoe groot is hoek CAG ?



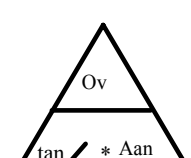


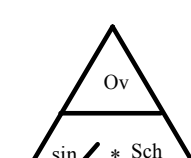


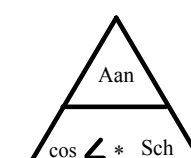
apr 10-20:57



Hoe groot is hoek CAG ?



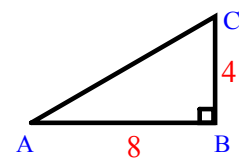




Via Pythagoras AC berekenen

$$AC^2 = AB^2 + BC^2 =$$

$$8^2 + 4^2 = 64 + 16 = 80$$

$$AC = \sqrt{80} = 8,94$$


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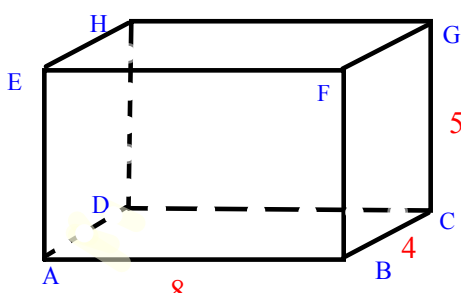
Wat hebben we Ov? Aanl? Sch? hoek?
Welke regel:

$$\tan A = \text{Ov} / \text{Aanl} = 5 / 8,94 = 0,559$$

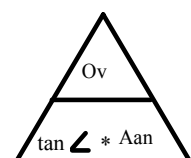
Moet er een antwoord in graden uitkomen? dan gebruik maken van

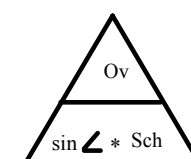
$$\tan^{-1} 0,559 = 29,2^\circ \quad \text{Dus hoek CAG} = 29,2^\circ$$

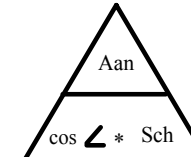
apr 10-20:57



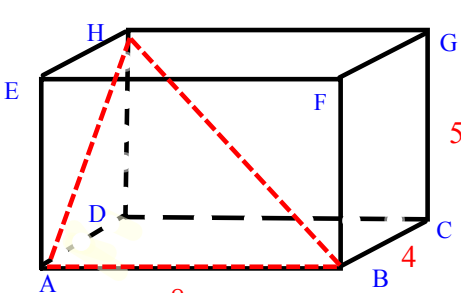
Hoe groot is hoek ABH?







apr 10-20:57



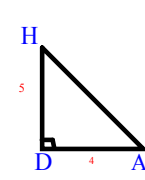
Hoe groot is hoek ABH?

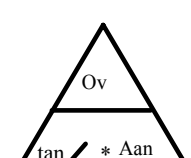
Welk gegeven is het gemakkelijkst te bepalen?

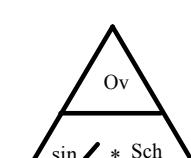
AH bepalen

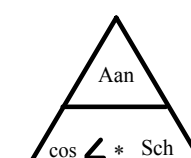
$$AH^2 = AD^2 + DH^2 =$$

$$4^2 + 5^2 = 16 + 25 = 41$$

$$AH = \sqrt{41} = 6,4$$








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Hoe groot is hoek ABH?

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apr 10-20:57

Hoe groot is hoek ABH?

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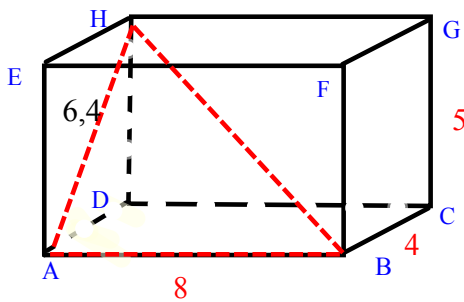
AH bepalen

$$AH^2 = AD^2 + DH^2 =$$

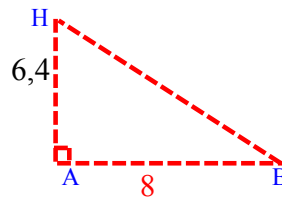
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Hoe groot is hoek ABH?

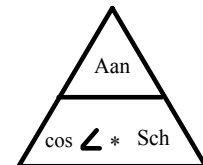
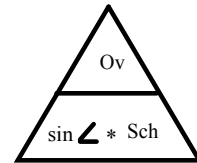
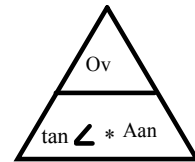


Wat hebben we Ov? Aanl? Sch? hoek?
Welke regel:

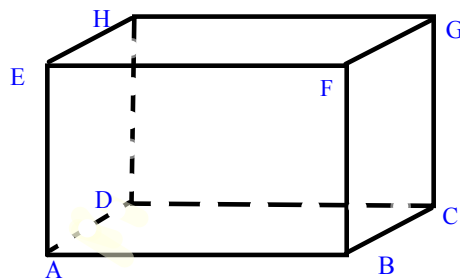
$$\tan B = \text{Ov} / \text{Aanl} = 6,4 / 8 = 0,8$$

Moet er een antwoord in graden uitkomen? dan gebruik maken van

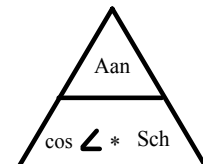
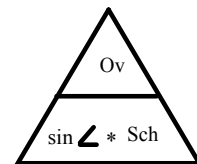
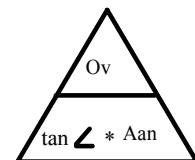
$$\tan^{-1} 0,8 = 38,7^\circ \quad \text{Dus hoek ABH} = 38,7^\circ$$



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Enz...



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