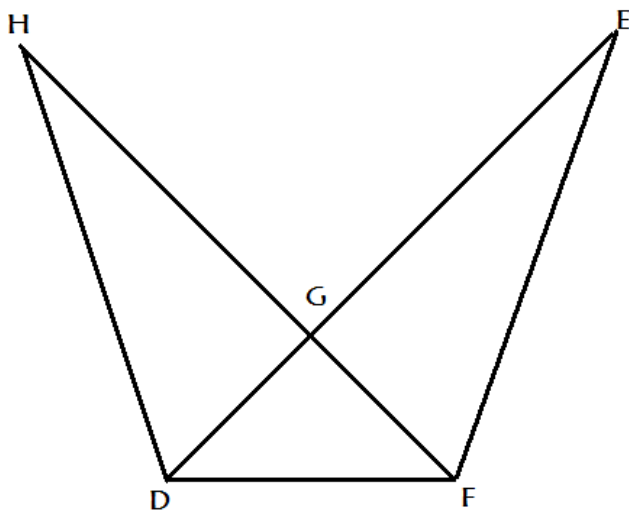




Drukbare Assessering CAMI Wisk: Graad 8

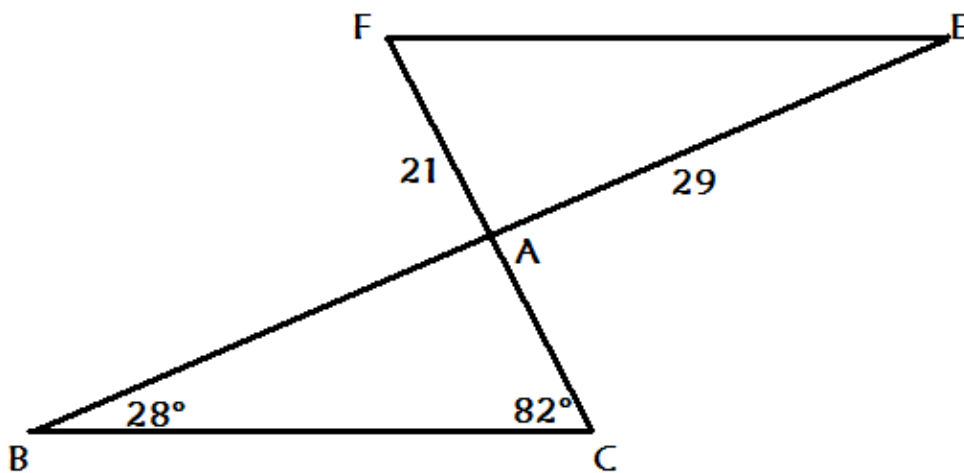
Kongruensie

1. $\triangle DEF \cong \triangle FHD$, $HD = 44$, $DE = 74$ en $FG = 13$.
Bepaal die lengte van EF , FH en GH .



2. $\triangle ABC \cong \triangle AEF$, bereken die volgende m.b.v. die gegewe skets:

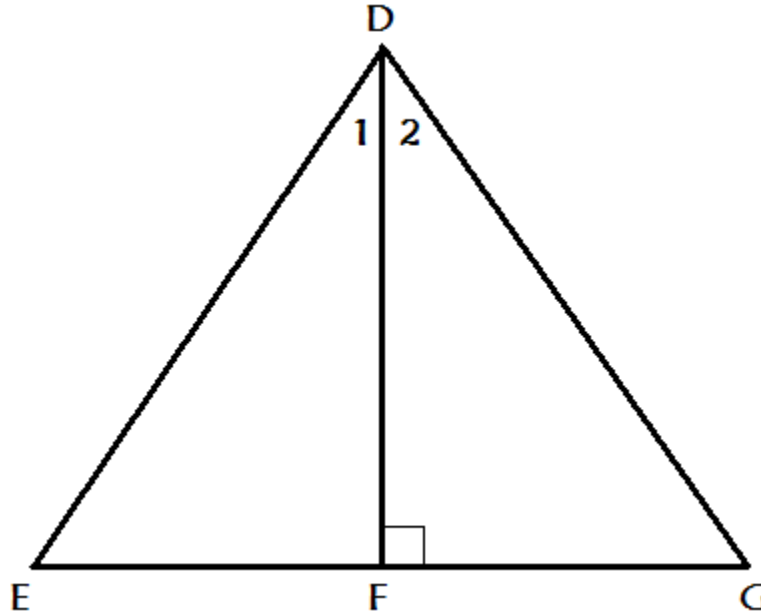
- (a) \hat{F} en \hat{E}
(b) AB en AC





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3. Bepaal of $\triangle DEF \cong \triangle DFG$ as $\hat{D}_1 = 30^\circ$, $\hat{G} = 62^\circ$ en $EG = 20$.





Drukbare Assessering CAMI Wisk: Graad 8

MEMO

1. $\triangle DEF \cong \triangle FHD$ [8.3.5.2]
 $EF = HD = 44$
 $FH = DE = 74$
 $GH = FH - FG$
 $GH = 74 - 13 = 61$

2. $\triangle ABC \cong \triangle AEF$:
 $\hat{F} = \hat{C} = 82^\circ$
 $\hat{E} = \hat{B} = 28^\circ$

$$AB = AE = 29$$
$$AC = AF = 21$$

3. In $\triangle DFG$:
 $\hat{D}_2 = 180^\circ - 90^\circ - 62^\circ = 28^\circ$
 $\hat{D}_1 \neq \hat{D}_1$

$\triangle DEF$ en $\triangle DFG$ is nie kongruent nie

