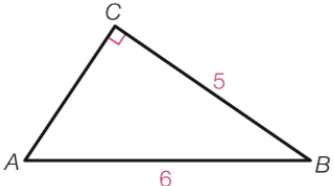
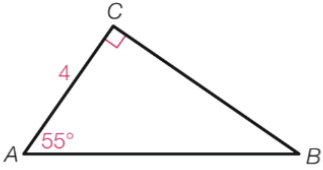
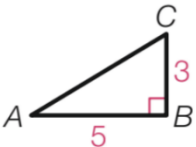
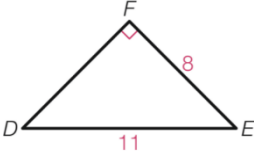
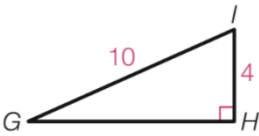
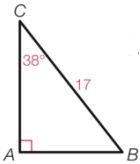
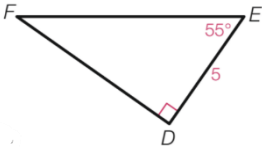
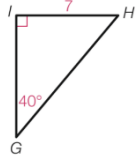


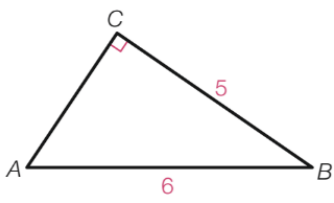
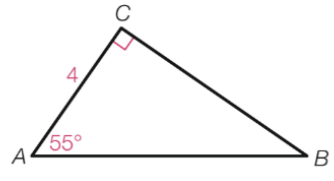
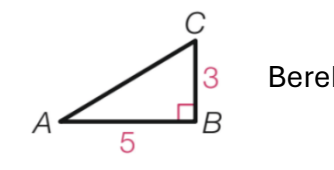
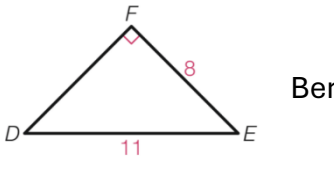
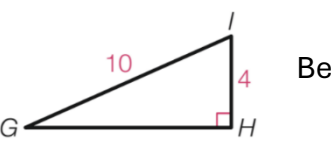
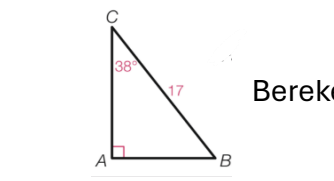
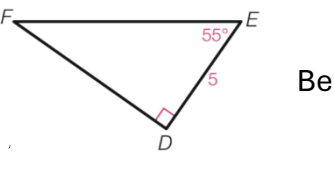
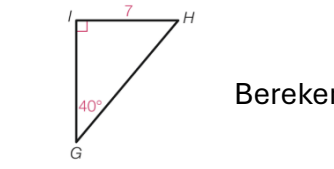
Voorkennis Goniometrie

	1. Bereken $\angle A$	
	2. Bereken AB in 1 dec. nauwkeurig	
	3. Bereken $\angle A$	
	4. Bereken $\angle D$	
	5. Bereken $\angle I$	
	6. Bereken AC	
	7. Bereken DF	
	8. Bereken GH	

Iedere opgave geeft een getal als antwoord. Vul van ieder antwoord het 1^e cijfer van dit getal in

1	2	3	4	5	6	7	8

Antwoorden

	Bereken $\angle A$	$\sin(\angle A) = \frac{5}{6}$ geeft $\angle A \approx 56,4^\circ$
	Bereken AB in 1 dec. nauwkeurig	$\cos(55^\circ) = \frac{4}{AB}$ geeft $AB = \frac{4}{\cos(55^\circ)} \approx 7,0$
	Bereken $\angle A$	$\tan(\angle A) = \frac{BC}{AB} = \frac{3}{5}$ geeft $\angle A \approx 31,0^\circ$
	Bereken $\angle D$	$\sin(\angle D) = \frac{EF}{DE} = \frac{8}{11}$ geeft $\angle D \approx 46,7^\circ$
	Bereken $\angle I$	$\cos(\angle I) = \frac{HI}{GI} = \frac{4}{10}$ geeft $\angle I \approx 66,4^\circ$
	Bereken AC	$\cos(\angle C) = \frac{AC}{BC}$ geeft $\cos(38^\circ) = \frac{AC}{17}$, dus $AC = 17 \cos(38^\circ) \approx 13,4$.
	Bereken DF	$\tan(\angle E) = \frac{DF}{DE}$ geeft $\tan(55^\circ) = \frac{DF}{5}$, dus $DF = 5 \tan(55^\circ) \approx 7,1$.
	Bereken GH	$\sin(\angle G) = \frac{HI}{GH}$ geeft $\sin(40^\circ) = \frac{7}{GH}$, dus $GH = \frac{7}{\sin(40^\circ)} \approx 10,9$.

1	2	3	4	5	6	7	8
5	7	3	4	6	1	7	1