

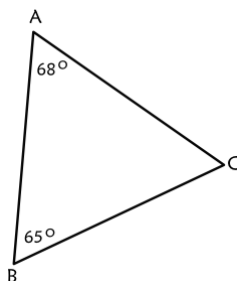


# Drukbare assessering CAMI Wiskunde: Graad 9

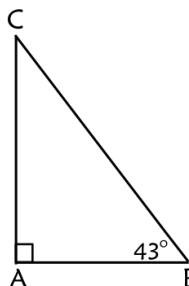
## Driehoeke

1. Klassifiseer die gegewe driehoek nadat al die hoeke bereken is.

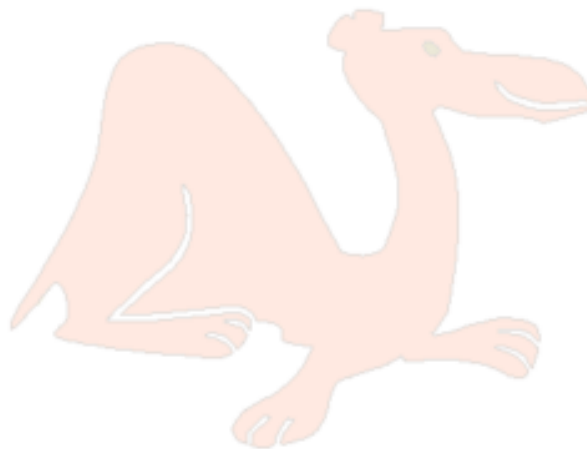
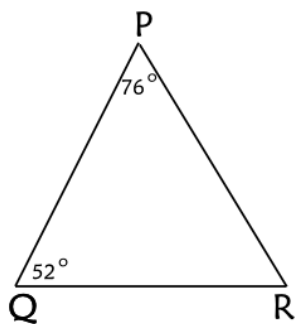
1.1



1.2

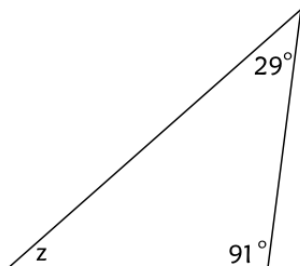


1.3

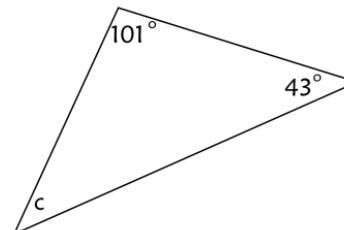


2. Bereken die gevraagde hoeke.

2.1



2.2

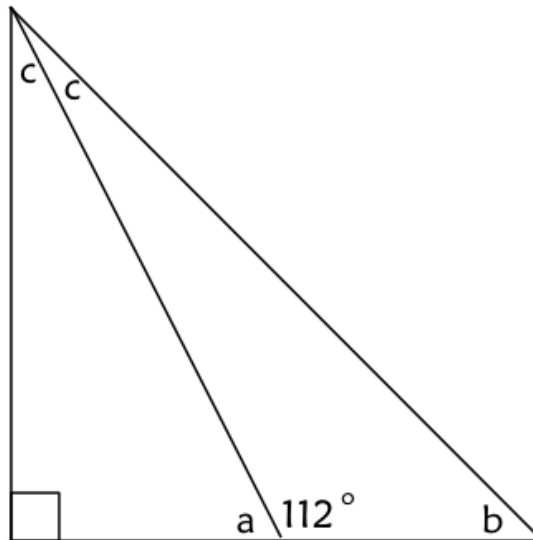




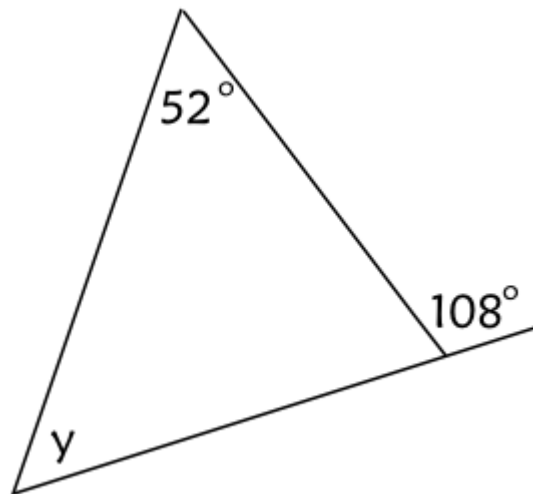
# Drukbare assessering CAMI Wiskunde: Graad 9



2.3



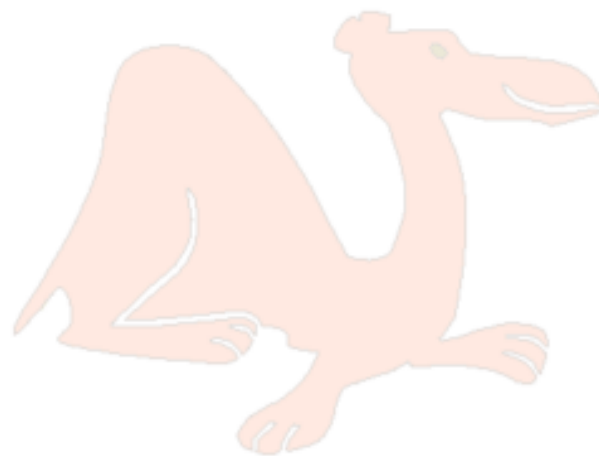
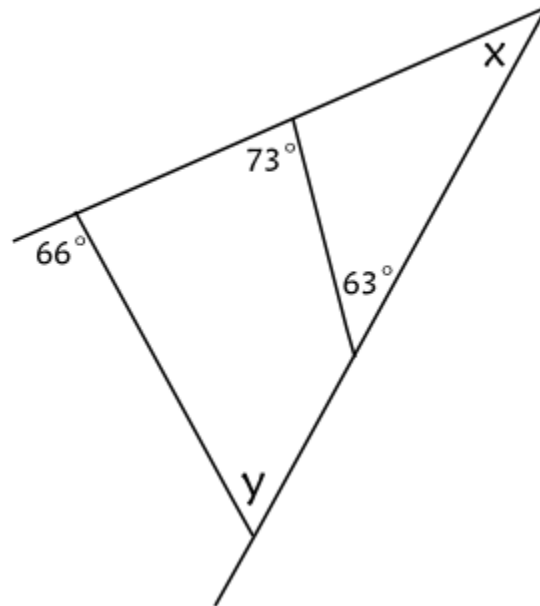
3. Bereken die gevraagde hoeke.





# Drukbare assessering CAMI Wiskunde: Graad 9

3.2





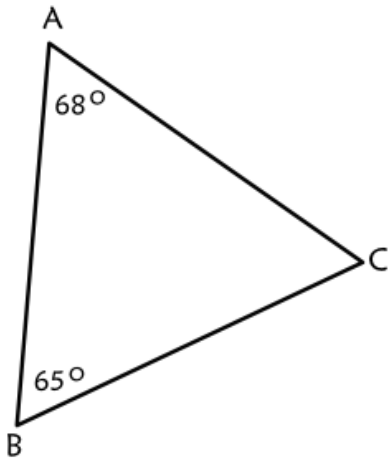
# Drukbare assessering CAMI Wiskunde: Graad 9

## MEMO

1. Klassifiseer die gegewe driehoek nadat al die hoeke bereken is.

[8.3.1.1; 8.3.1.2 ; 8.3.1.3]

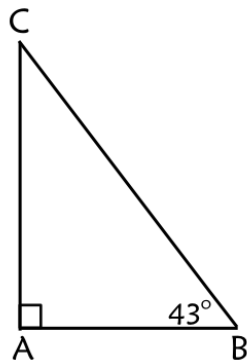
1.1



$$\begin{aligned}\hat{A} + \hat{B} + \hat{C} &= 180^\circ \\ 68^\circ + 65^\circ + \hat{C} &= 180^\circ \\ \hat{C} &= 180^\circ - 133^\circ \\ \hat{C} &= 47^\circ\end{aligned}$$

$\Delta ABC$  is 'n **willekeurige** driehoek

1.2



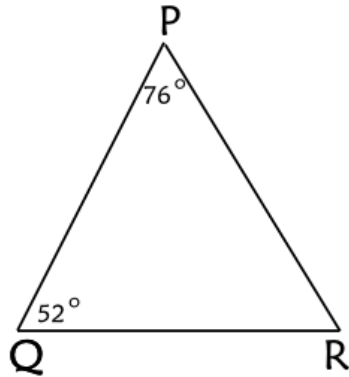
$$\begin{aligned}\hat{A} + \hat{B} + \hat{C} &= 180^\circ \\ 90^\circ + 43^\circ + \hat{C} &= 180^\circ \\ \hat{C} &= 180^\circ - 133^\circ \\ \hat{C} &= 47^\circ\end{aligned}$$

$\Delta ABC$  is 'n **reghoekige** driehoek.



## Drukbare assessering CAMI Wiskunde: Graad 9

1.3

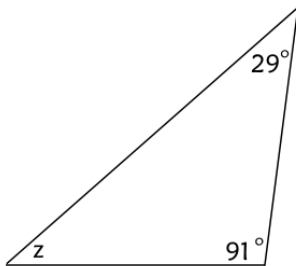


$$\begin{aligned}\hat{P} + \hat{Q} + \hat{R} &= 180^\circ \\ 76^\circ + 52^\circ + \hat{R} &= 180^\circ \\ \hat{R} &= 180^\circ - 128^\circ \\ \hat{R} &= 52^\circ\end{aligned}$$

$\Delta PQR$  is 'n gelykbenige driehoek.

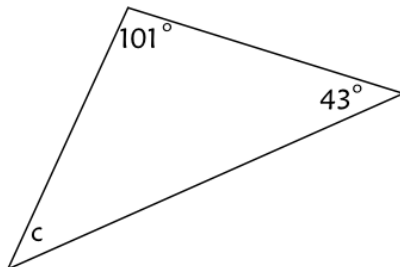
2.1 Bereken die gevraagde hoeke.

[8.3.2.1; 8.3.2.2]



$$\begin{aligned}29^\circ + 91^\circ + z &= 180^\circ \\ z &= 180^\circ - 91^\circ - 29^\circ \\ z &= 60^\circ\end{aligned}$$

2.2



$$\begin{aligned}101^\circ + 43^\circ + c &= 180^\circ \\ c &= 180^\circ - 101^\circ - 43^\circ \\ c &= 36^\circ\end{aligned}$$

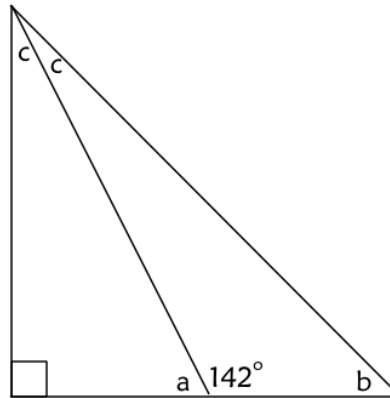




## Drukbare assessering CAMI Wiskunde: Graad 9



2.3



$$a + 112^\circ = 180^\circ \text{ (suppl.<)}$$
$$a = 68^\circ$$

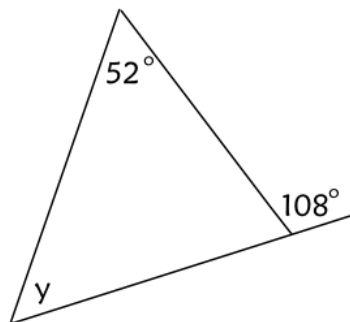
$$a + c + 90^\circ = 180^\circ \text{ (binne<'e)}$$
$$68^\circ + c + 90^\circ = 180^\circ$$
$$c = 22^\circ$$

$$c + b + 112^\circ = 180^\circ \text{ (binne<'e)}$$
$$22^\circ + b + 112^\circ = 180^\circ$$
$$b = 46^\circ$$

3. Bereken die gevraagde hoek.

[8.3.3.1; 8.3.3.2]

3.1

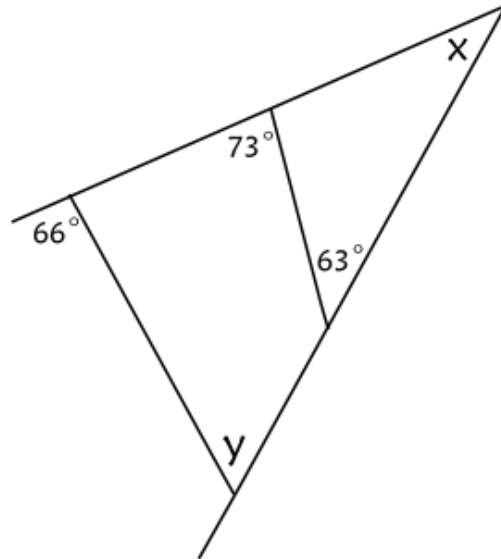


$$108^\circ = 52^\circ + y \text{ (buite <'e)}$$
$$y = 180^\circ - 52^\circ$$
$$y = 56^\circ$$



## Drukbare assessering CAMI Wiskunde: Graad 9

3.2



$$\begin{aligned}x + 63^\circ &= 73^\circ \text{ (buite <'e)} \\x &= 10^\circ\end{aligned}$$

$$\begin{aligned}66^\circ &= x + y \text{ (buite <'e)} \\66^\circ &= 10^\circ + y \\y &= 56^\circ\end{aligned}$$

