



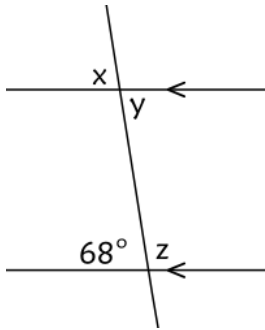
Drukbare assessering CAMI Wiskunde: Graad 9

Parallel lyne met snylyn

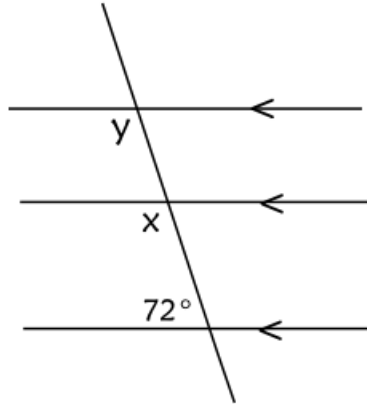
1. Bereken die gevraagde hoekgroottes.



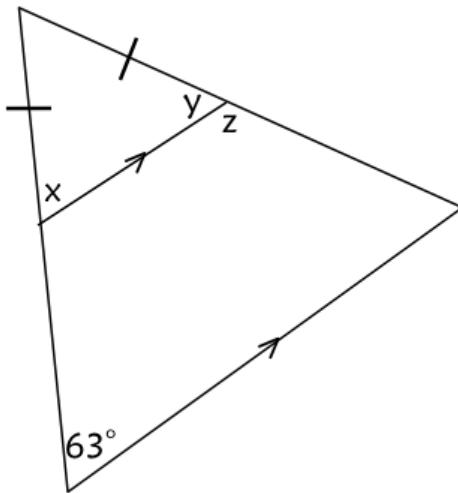
1.1



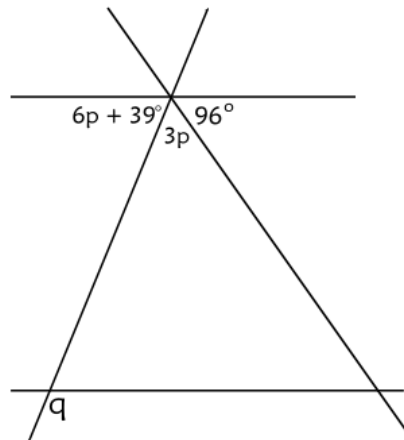
1.2



1.3



1.4





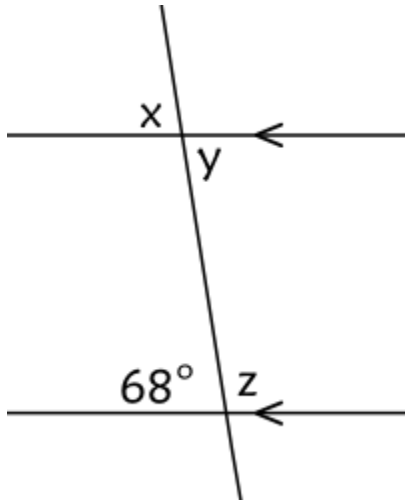
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MEMO

1. Bereken die gevraagde hoekgroottes.

[8.2.5.1; 8.2.5.2]

1.1



$$x = 68^\circ \text{ (ooreenkomstige } \angle\text{'e)}$$

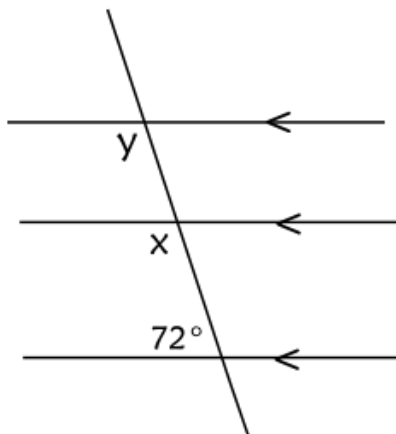
$$x = y \text{ (regoorst. } \angle\text{'e)}$$
$$y = 68^\circ$$

$$y + z = 180^\circ \text{ (ko-binne } \angle\text{'e)}$$

$$z = 180^\circ - 68^\circ$$

$$z = 112^\circ$$

1.2



$$x + 72^\circ = 180^\circ \text{ (ko-binne } \angle\text{'e)}$$

$$x = 180^\circ - 72^\circ$$

$$x = 108^\circ$$

$$y = x \text{ (ooreenkomstige } \angle\text{'e)}$$

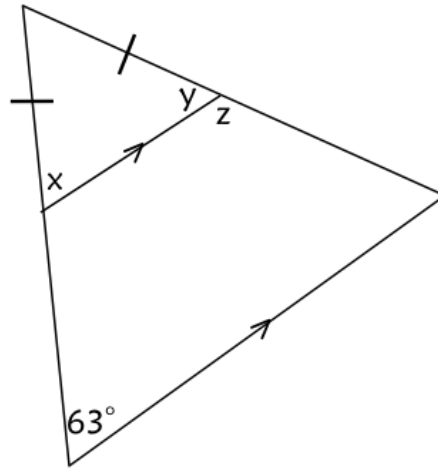
$$y = 108^\circ$$



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1.3

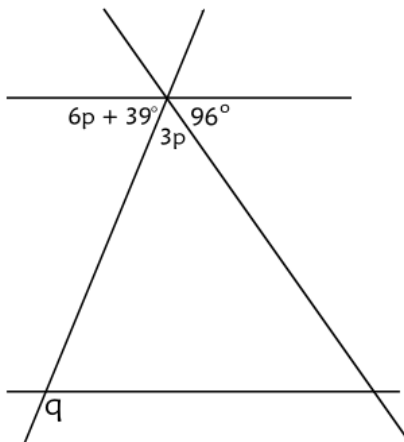


$$x = 63^\circ \text{ (ooreenkomstige } \angle\text{'e)}$$

$$y = x \text{ (gelykbenige driehoek)}$$
$$y = 63^\circ$$

$$z + y = 180^\circ \text{ (suppl. } \angle\text{'s)}$$
$$z = 180^\circ - 63^\circ$$
$$z = 117^\circ$$

1.4



$$6p + 39^\circ + 3p + 96^\circ = 180^\circ \text{ (suppl. } \angle\text{'s)}$$
$$9p = 180^\circ - 39^\circ - 96^\circ$$
$$9p = 45^\circ$$
$$p = 5^\circ$$