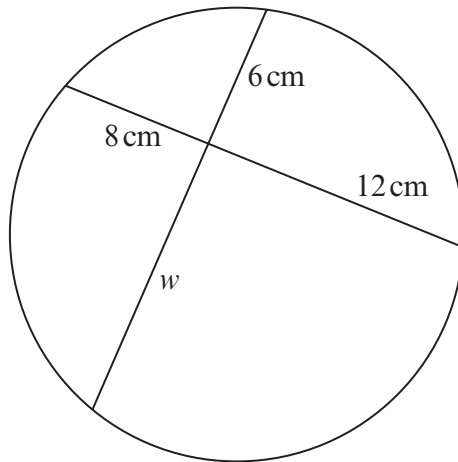


14. (a) Find the length marked  $w$ .  
You **must** give a reason for your answer.



*Diagram is not drawn to scale*

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.....

[3]