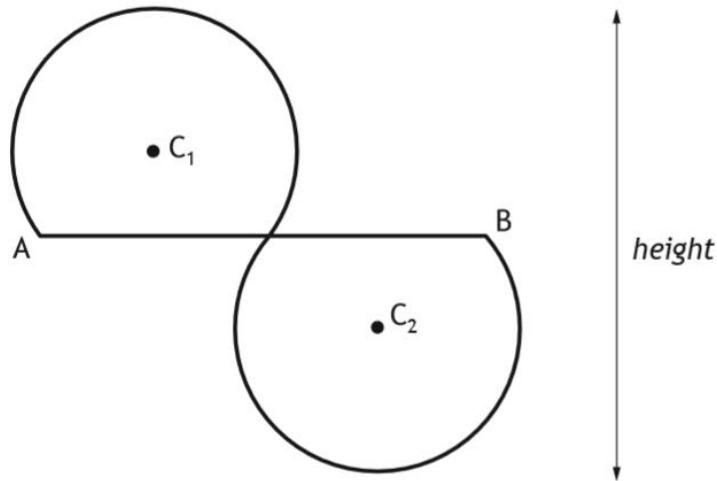


**Qualification:** SQA National 5 Mathematics 2017

**Paper:** 2 (Calculator)

**Question:** 13

13. Two identical shapes are used to form a logo.  
Each shape is part of a circle.



- The circles have centres  $C_1$  and  $C_2$ .
- The radius of each circle is 14 centimetres.
- The logo has half-turn symmetry about the mid-point of AB.
- AB is 48 centimetres long.

Calculate the height of the logo.