

EGD Grade 10

Geometric Constructions

Bisecting a line

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Question

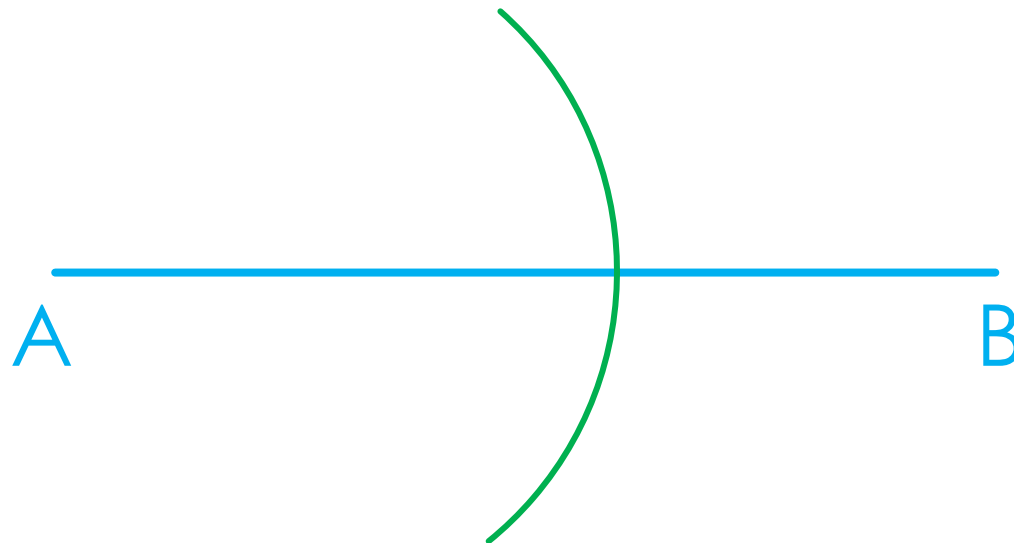
- Bisecting line segment AB by means of construction



Geometric Constructions

Step 1

- **Question: Bisecting line segment AB**
- Draw an arc, larger than half the size of line segment AB



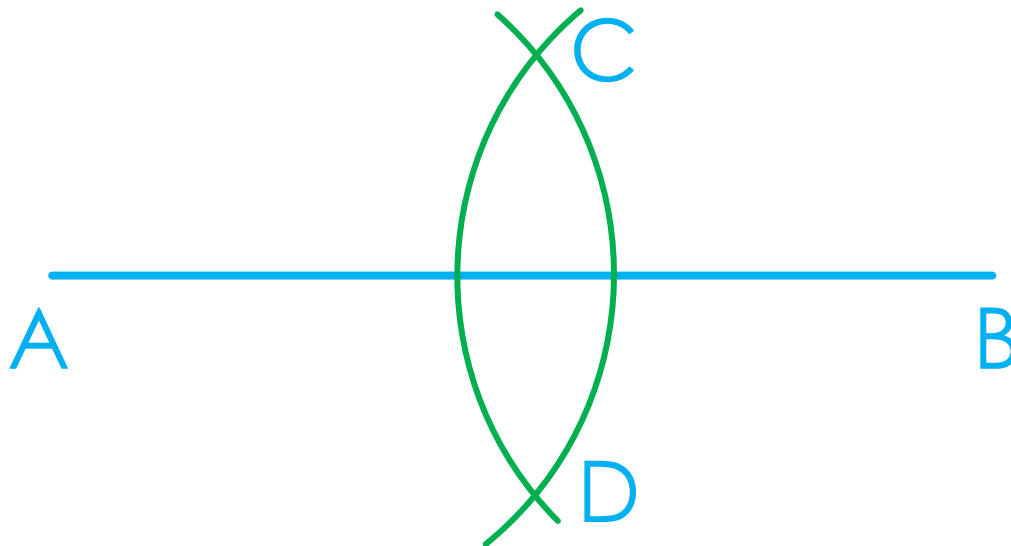
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Step 2

- **Question: Bisecting line segment AB**
- Draw a second arc of the same size to meet at C & D



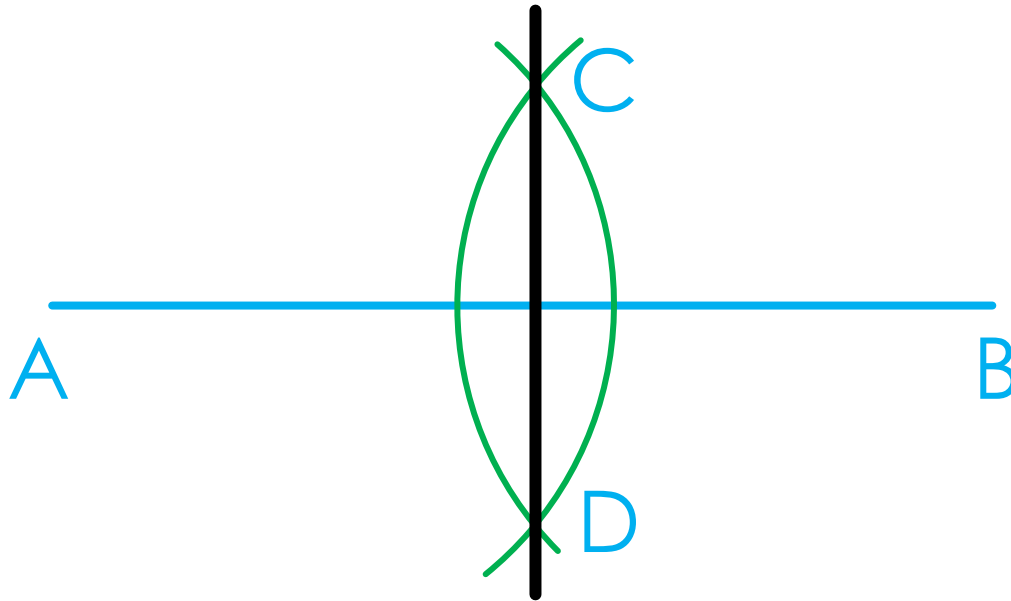
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Step 3

- **Question: Bisecting line segment AB**
- Join C with D to show the bisecting point



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Task 1.3.3

- Prepared A3 drawing sheet and draw line segment AB (75mm in length).
- **Question:** Bisect line segment AB by means of construction and name the bisecting point C.
- Show all construction lines.
- Measure line segment AC and note it on the page.
- Name this task 1.3.3