CONSTRUCTING THE PERPENDICULAR BISECTOR OF A LINE SEGMENT
CARD MATCH AND SEQUENCING ACTIVITY

Arrange the steps in order and match the diagram with the step.

The perpendicular bisector of AB cuts the interval AB in half at 90°.

a)  
• Then put the compass point on \( P \).
• Use the same radius as in the first step.
• Draw a second large arc.

b)  
• Firstly put the compass point on \( Q \).
• Use any radius more than half of \( PQ \).
• Draw a large arc.

c)  
• The arcs meet at \( C \) and \( D \).
• Join \( CD \).
• \( CD \) is the perpendicular bisector of \( PQ \).
• \( E \) is the midpoint of \( PQ \).