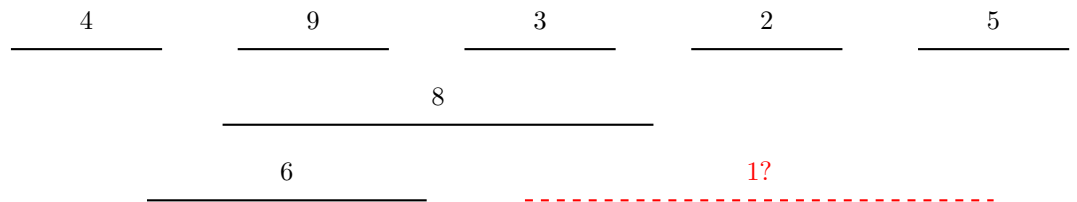


15. Q) Find an interval representation or explain why one doesn't exist.

A) We start with drawing the interval graph starting at (4)



Since (6) is less than both (3) and (1) and has no relation with (4), it is not clear the relation between (4) and (1). Hence an interval graph can not be drawn.