supersolvable group

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Defines	supersolvable

A group G is *supersolvable* if it has a finite normal series

$$G = G_0 \triangleright G_1 \triangleright \cdots \triangleright G_n = 1$$

with the property that each factor group G_{i-1}/G_i is cyclic.

A supersolvable group is solvable.

Finitely generated nilpotent groups are supersolvable.