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**W=1799mm**

**=>1m=1000mm**

**=>1799mm=?**

**W=1.799m**

**R—Given turning circle diameter as 10.9m**

**To get wall-to wall turning radius as 10.9m/2=5.45m**

**R=5.45m**

**To get L and Lr we need to make some assumptions and simplifications about the car:**

**We have the wheelbase length =2620mm, and total length from the rear corner to front corner =4258mm**

1. **We assume that the distance from rear corner to rear wheels is equal to the distance from front corner to the front wheels for simplifications**

**Therefore:**

* **x+x+2620mm=4258mm**
* **2x=4258mm-2620mm=1638mm**
* **x=1638mm/2=819mm**
* **x=0.819m**

**Lr =0.819m**

**L =>2620mm+819mm=3439mm**

**L=3.439m**



**Since we have L and Lr, we need to find D using the Formula for D**

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**THE END!!!**

**THANK YOU!!!**