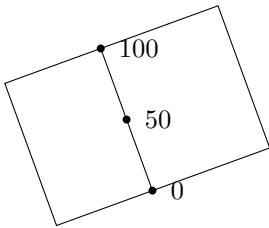
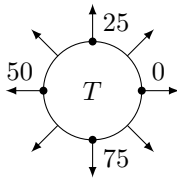


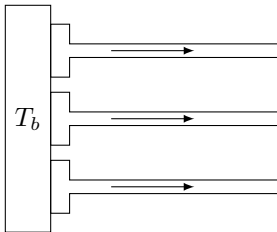
Percentage anchors and connected heat-transfer surfaces



Interface: bottom to top



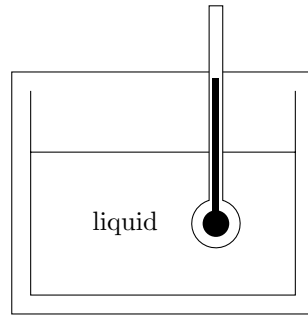
Rim: counterclockwise from the right



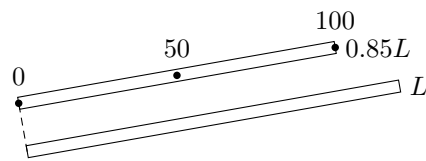
Three fins connected at percentage anchors on the base

The interface, radiating-body rim, and contact coordinates retain their direction and location under rotation. Fin placement uses physical boundaries rather than text padding or minimum-size settings.

Apparatus composition and contraction



Thermometer bulb placed in the calorimeter liquid



Both rod families run left to right. A ratio below one illustrates contraction; it does not derive a coefficient of thermal expansion or a temperature change. The liquid level and thermometer column remain independent author inputs.