

QUESTION



Consider a cantilever beam of length L fixed to a wall on the left and free on the right. A uniformly distributed load (UDL) of intensity w is applied downwards along the entire length of the beam. The beam is labeled "Cantilever beam" and the load is labeled "UDL".

ANSWER

The beam is fixed to a wall on the left and free on the right. A uniformly distributed load (UDL) of intensity w is applied downwards along the entire length of the beam.

ANSWER



Consider a simply supported beam of length L supported by a pin support on the left and a roller support on the right. A uniformly distributed load (UDL) of intensity w is applied downwards along the entire length of the beam. The beam is labeled "Simply supported beam" and the load is labeled "UDL".

The beam is supported by a pin support on the left and a roller support on the right. A uniformly distributed load (UDL) of intensity w is applied downwards along the entire length of the beam.

The beam is supported by a pin support on the left and a roller support on the right. A uniformly distributed load (UDL) of intensity w is applied downwards along the entire length of the beam.