

## 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. The beam is labeled "Cantilever beam" and the load is labeled "UDL".

## QUESTION



Consider a simply supported beam of length  $L$  with 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 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 labeled "Simply supported beam" and the load is labeled "UDL".