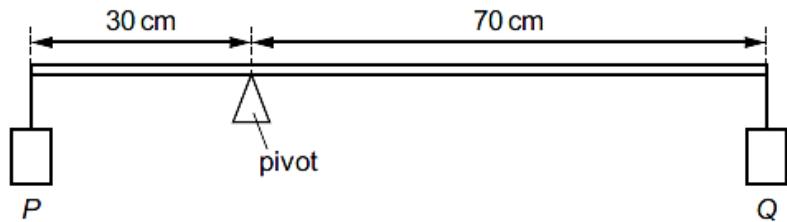


- 7 A beam on a pivot supports a load  $P$  at one end and a load  $Q$  at the other end.



The weight of the beam is negligible and the beam is maintained in a horizontal position as shown.

Which row gives possible values for  $P$  and for  $Q$ ?

	$P / \text{N}$	$Q / \text{N}$
<b>A</b>	3.0	7.0
<b>B</b>	49	7.0
<b>C</b>	21	9.0
<b>D</b>	27	9.0