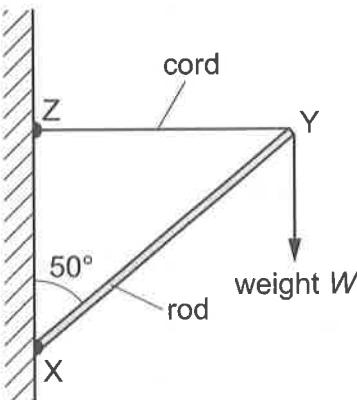


- 12 A light rod XY is hinged at an angle of 50° to a wall at X and supported by a horizontal cord YZ which is attached to the wall at Z. A weight W is hung from Y.



How do the tension in the cord YZ and the compressive force in the rod XY compare with W ?

	tension in YZ	compression in XY
A	greater than W	greater than W
B	greater than W	less than W
C	less than W	greater than W
D	less than W	less than W

