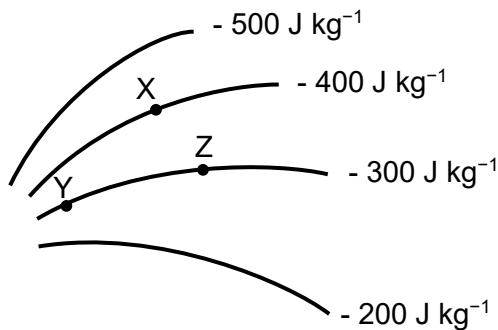


- 9 The diagram shows four equipotential lines in a gravitational field.



Which line of the table relates the direction of gravitational field at X and the relative gravitational field strength at Y?

	direction of gravitational field at X	gravitational field strength at Y
A	perpendicular to the line at X pointing towards higher potential	larger than Z
B	perpendicular to the line at X pointing towards lower potential	larger than Z
C	perpendicular to the line at X pointing towards higher potential	equal to Z
D	perpendicular to the line at X pointing towards lower potential	equal to Z