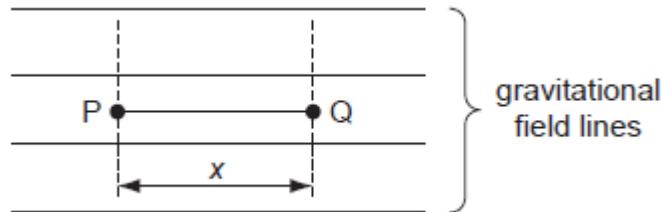


- 11 A mass m is situated in space in a uniform gravitational field.



When the mass moves through a displacement x , from P to Q, it loses an amount of potential energy E .

Which row correctly specifies the magnitude and the direction of the acceleration due to the gravity in this field?

	magnitude	direction
A	$\frac{E}{x}$	→
B	$\frac{E}{x}$	←
C	$\frac{E}{mx}$	→
D	$\frac{E}{mx}$	←