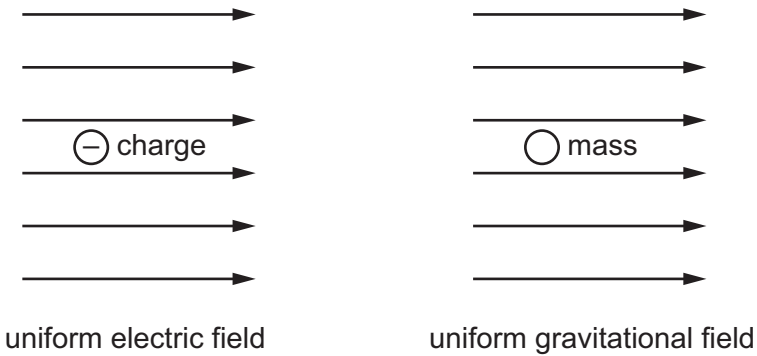


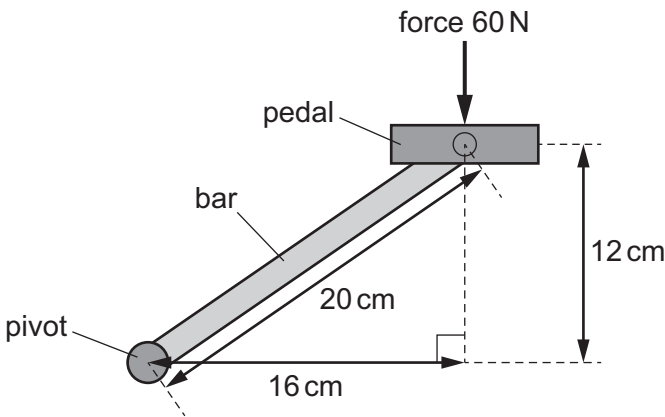
- 10 The diagrams show a negative electric charge situated in a uniform electric field and a mass situated in a uniform gravitational field.



Which row shows the directions of the forces acting on the charge and on the mass?

	charge	mass
A		
B		
C		
D		

- 11 A bicycle pedal is connected to a pivot by a metal bar, as shown.



The force on the pedal is 60 N downwards.

What is the moment of this force about the pivot?

- A 7.2 Nm
B 9.6 Nm
C 12 Nm
D 1200 Nm