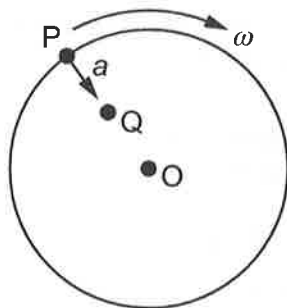9   A disc of radius 4.0 cm rotates about its centre O. P is a point on the circumference and Q is halfway between O and P.

At P, the angular velocity ω is 2.0 rad s^{-1} and the centripetal acceleration a is 16 cm s^{-2}.

Which row gives the values of these quantities at Q?

	ω/rad s^{-1}	a/cm s^{-2}
A	1.0	0.5
B	1.0	2.0
C	2.0	2.0
D	2.0	8.0